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SOCIAL



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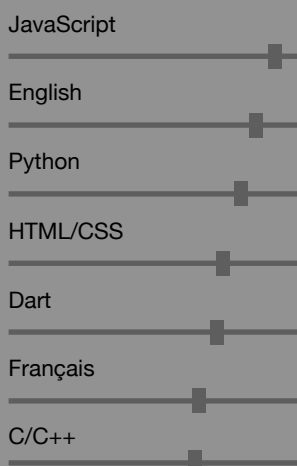


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> 2.4k reputation



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LANGUAGES



Open Source Contributions

[Dorky \(NPM\)](#)

[ERC \(NPM\)](#)

[Express Generator \(VSCode\)](#)

[React Component Generator \(VSCode\)](#)

Software Developer

Trishant Pahwa

A results-driven full-stack engineer with over six years of professional experience designing and delivering production-grade software across web, mobile, cloud, and embedded domains. Known for bridging the gap between architectural vision and hands-on implementation — from leading multi-team product development as a CTO to engineering microservice backends, real-time data pipelines, and automated cloud infrastructure. A collaborator on five open-source npm packages totalling over 88,000 downloads, with a consistent record of remote delivery for clients across the UK, Croatia, India, and beyond.

Experience

SENIOR SOFTWARE ENGINEER

wTVision, Noida // February 2026 - Present (Contract)

- Engineered and maintained the **Django** backend for cricstats-v3, a high-availability cricket scoring platform used live during IPL and **FanCode** broadcasts. The system processed real-time match events and triggered **score-bug** and summary graphics through **GoDot** and **VizRT** rendering engines with sub-second latency.
- Architected a fully containerised AWS deployment for two **Next.js** frontends, one **Django** backend, and an **Nginx** reverse proxy — all stored as **Docker** images in AWS **ECR**. Instances run on **Lightsail** with a **PostgreSQL RDS** as the primary data store.
- Designed and implemented a serverless CI/CD pipeline using AWS **EventBridge** rules to detect **ECR** image changes, triggering a Node.js **Lambda** function that performs zero-downtime deployments via the **CloudFormation** API — eliminating all manual release steps.
- Built a **Terraform** project to provision and auto-deploy cricstats-v3 onto **EC2** with an attached **RDS** instance, including the full CI/CD pipeline as infrastructure-as-code, enabling reproducible one-command environment creation.
- Managing end-to-end deployment of the **Incentiwise** product suite — landing page, demo environment, internal tooling, and client-facing portal.

FULL STACK DEVELOPER

Balkan Tech Solutions, Croatia [Remote] // October 2024 - November 2025

- Developed and maintained a real-time cryptocurrency pattern detection platform built on **Next.js**, **PostgreSQL**, **Firebase**, and **Docker** (via **Dockerode**). Integrated live market data streams from **Binance**, **ByBit**, **KuCoin**, and **MexC** APIs, and automated the deployment pipeline using **GitHub Actions** and **Bash** scripting.
- Architected a suite of **Python**-based **microservices** for technical analysis, leveraging TA-Lib, SciPy, and scikit-learn to detect actionable trading patterns. Deployed these services behind a **Kafka** event bus, with results delivered to traders in real time via **WebSockets** and a purpose-built **Discord** bot.
- Complemented the **microservice** layer with serverless workflows on AWS **Lambda** and file management via AWS **S3**, ensuring a scalable, event-driven backend capable of handling high-frequency market data without infrastructure bottlenecks.

CTO

KodeKrew Technologies, Delhi // November 2022 - October 2023

- Led and coordinated three cross-functional engineering teams in the end-to-end delivery of two large-scale multi-platform products — an astrology aggregator (**ViaVeda**) and an e-commerce platform — from architectural design through to production launch.
- Astrology Aggregator — Technical highlights:
 - Designed the system architecture using **Node.js**, **Express.js**, and **React.js**, and enforced coding standards across teams through structured code reviews and regular technical guidance sessions.
 - Built a highly scalable **microservice** backend on AWS **serverless** infrastructure, integrated with a custom testing suite using **Mocha** and automated CI/CD pipelines via **GitHub Actions**, with **MongoDB** as the primary data store. Conducted regular security audits to ensure application compliance and identify vulnerabilities before release.
 - Delivered **Flutter** (mobile) and **Next.js / Angular** (web) frontends adopting **neomorphic** design principles, with automated production builds managed through **Vercel** and **GitHub Actions**.
 - Integrated external services including **Firebase Cloud Messaging**, **Crashlytics**, AWS **S3**, **SES**, **SQS**, and the **Razorpay Payment Gateway**, alongside custom **Bash** scripts and internally developed open-source tooling (**Dorky**, **ERC**) for task automation.
- E-Commerce Platform — Architected and led three teams to deliver cross-platform mobile applications (**Flutter** for iOS and Android) and a responsive web application (**Angular**), together with a centralised admin dashboard.

Experience

SOFTWARE ENGINEER

WebKnot Technologies, Bangalore [Remote] // April 2020 - November 2022

- Built and maintained a **React**-based GIS web application for **Advanced Infrastructure (Cambridge, UK)**, powered by **Cloud Firestore** and serverless **Cloud Functions**, with deep integration across AWS services including **Cognito** for authentication, **Lambda** for compute, **S3** for storage, and API Gateway for request routing.
- Led the frontend development of a fully client-side **React** application for **BlissClub**, integrating **Firebase** for backend services and **Truecaller** APIs for user verification. The web application was subsequently converted into native **iOS** and **Android** applications using **Apache Cordova**, with deployments automated via **GitHub Actions** and **Vercel**.
- Developed and maintained multiple **React** applications for the Miles platform at Aditya Birla Labs (Bangalore), employing a highly scalable **container-view** architecture and **react-charts** for data visualisation. Concurrently maintained a **Django REST** backend supported by **Redis** caching and a

SOFTWARE ENGINEER

GarrudEye Solutions, Gurgaon // July 2019 - April 2021

- Maintained and published **ionic** and **Flutter** mobile applications to the Google Play Store, managing the full release lifecycle as the sole developer responsible for the startup's entire technology infrastructure.
- Developed and deployed **React** and **Angular** web applications with **Google Maps API** integrations and **Express.js** backends across local servers, AWS **EC2** instances, and **serverless** environments.
- Managed the complete AWS infrastructure stack — including **EC2**, **Lambda**, **RDS**, and **API Gateway** — alongside CI/CD pipelines backed by **Git** and **Google Cloud** APIs, ensuring consistent uptime and rapid iteration cycles.
- Provided post-deployment support across all live applications, collaborated directly with project managers to meet client deadlines, and resolved functional issues across the full stack.

Education

DPS Pinjore // 2010-2012: 9.4 CGPA

DPS Faridabad // 2012-2014: 90.2%

B.Tech Computer Science Engineering, KiiT University

Projects

Linkster // 2019

A home automation system enabling users to control electrical switches via mobile apps, AI camera systems, voice assistants, and custom IoT automations. The project encompassed three distinct hardware configurations: an **HTTP** server running on a **NodeMCU** over an **ESP8266** with relay control; a **Raspberry Pi** acting as an **MQTT** and HTTP broker with **NodeMCU** clients; and a **CoAP** server on **NodeMCU** — to which added to upstream contributions to the **Arduino CoAP Simple Library**. A companion mobile application issues HTTP commands to the servers, while voice assistants interface via webhooks.

Web Portfolio // 2020 <https://trishantpahwa.me>

A **Next.js** portfolio application deployed on **Vercel**, featuring high-fidelity UI/UX components, dynamic data fetching via **Next.js** API routes backed by Amazon **DynamoDB**, and live integration with the **GitHub REST API**. The codebase follows a well-structured, production-grade architecture.

Dorky // 2020 <https://npmjs.com/package/dorky>

Dorky stands for DevOpsRecords Keeper, it is an open-source tool that I developed and have been maintaining since the past 5 years. It is used to track sensitive project files - outside **git**, with the same mental model you already use for source control.

Achievements

- State-level swimmer | 2010
- Scholar badge, DPS Pinjore | 2012
- National-level basketball player (Inter-DPS) | 2013
- Cryptus Certified-Ethical-Hacker and workshops on Cyber Security | 2016

Technologies

