




Kartik Jain


Software Engineer


Experienced full stack web developer, app developer, and programmer. Strong in design and integration with intuitive problem-solving skills. With 5+ years of experience in IT , I've played key roles in delivering robust, scalable, and production-ready web and mobile applications across startups and enterprises. Adept at managing both frontend and backend development, I bring a proven track record of translating business needs into high-performing, user-centric solutions. **Creative – Confident – Committed to Making a Difference.**

 kartikjs999@gmail.com

 +91 9699332822

 Mumbai, India

 linkedin.com/in/kartikjains

 github.com/kartik-j

WORK EXPERIENCE

Engineer | Full Stack Developer Fractal

01/2023 - Present

Mumbai, MH, IN

– Spearheaded end-to-end development of 5+ Gen AI-powered web and chat applications , delivering complex features rapidly with minimal supervision while maintaining high code quality. Built data-driven dashboards aggregating data from Excel and multiple databases using Django REST, React , TypeScript, PostgreSQL, and Azure & AWS services . Integrated real-time collaboration via WebSockets , implemented secure single sign-on (SSO) with Okta , and leveraged LaunchDarkly for feature flagging, A/B testing, and progressive rollouts.

– Collaborated closely with data science teams to integrate Gen AI-powered data science modules into the Django backend. Established structured logging and observability across applications to enhance monitoring and maintenance. Championed the adoption of Gen AI-assisted code generation and prompt engineering techniques to accelerate development and improve code quality, mentoring cross-functional teams on best practices for frontend and backend development.

Systems Engineer | Python Developer Tata Consultancy Services

04/2021 - 01/2023

Mumbai, MH, India

– Worked for the largest U.K.-based insurance company, developing efficient scripts for validating massive TBs of files, processing complex COBOL copybook, and converting EBCDIC mainframe files to flat files using Python3 with multiprocessing, PySpark, Scala, Linux/Unix shell, AWS, SQL, etc.

– CI/CD One Click Deployment – Automating Continuous Integration and Continuous Delivery (CI/CD) with full connectivity between RMS tools like JIRA, XLR, version control using Git - Bitbucket, Jenkins, and code quality checks using SonarQube, Checkmarx, and managing different EC2 instances for deployment across various environments for Python, Shell/Linux, SQL (Oracle, Postgres, Hive), Scala, and Big Data Java Projects.

Software Engineer MarketLync ®, Inc

09/2020 - 03/2021

Engaged with U.S.-based engineering teams to deliver and optimize features in a React application. Built reusable UI components using TypeScript and Material-UI, and integrated them with service layer GraphQL APIs . Achieved a 30% boost in development efficiency , streamlined complex workflows, and improved code maintainability by 25% .

Multiple roles across 5+ Startups/ Enterprises..

06/2019 - 12/2020

Led engineering efforts across 5+ startups and enterprises , owning full-cycle delivery as a frontend, backend, full-stack, and iOS/Android app developer . Played a pivotal role in building scalable, production-grade apps , adapting swiftly to diverse tech stacks and business needs .

TECH SKILLS

- **Languages & Core Technologies:**
Python, JavaScript (ES6+), TypeScript, C, PHP, Scala, PySpark, Java
- **Frontend & Mobile Development:**
React.js, Material-UI (MUI), Ant Design (antd), Tailwind CSS, HTML5, CSS3, Bootstrap 5, SASS/SCSS, LESS, Flutter (Android/iOS), Adobe XD
- **Backend, APIs & Databases:**
Django (REST Framework), FastAPI, Node.js (Express), J2EE, PostgreSQL, MySQL, MongoDB, SQLite, Firebase Realtime DB, Firestore
- **Cloud, DevOps & Version Control:**
AWS (EC2, S3, Lambda, RDS), Docker, Firebase Hosting, CI/CD (GitHub Actions, Jenkins), Git, GitHub, GitLab, Bitbucket
- **AI & Data Engineering:**
Prompt Engineering, Gen AI Integration, PySpark, HDFS, Pandas, NumPy

CERTIFICATES & LICENSES

Python (Hackerrank)	Python for Data Science (IBM)
Problem Solving (Hackerrank)	Problem Solving (Hackerrank)
Flutter (The App Brewery)	Generative AI for Developers (Fractal)
SQL Developer (Fractal Certified)	Prompt Engineering Specialization (Vanderbilt)

ACHIEVEMENTS & AWARDS

- Ace Alliance | Star Awards - Fractal.AI
- Eureka | Star Awards - Fractal.AI
- Special Initiative Award - TCS
- TARDIS Star of the month - TCS
- Applause Award - TCS
- Python Programmer (2020) - Gold level - RAIT
- World of IoT using NodeMCU - Rank 1 - SAKEC
- Learning Achievement Award - TCS

PERSONAL PROJECTS

Corporate Bankruptcy Prediction

Developed a full-stack predictive analytics dashboard leveraging Artificial Neural Networks, Decision Trees, and ensemble learning models to assess corporate bankruptcy risk. Integrated interactive visualizations for real-time financial insights and explainability . Achieved high model performance, enhancing early risk detection and decision support .

EDUCATION

- Bachelor of Engineering (B.E.), Computer Engineering (2021)
Shah & Anchor Kutchhi Engineering College, University of Mumbai
- XII (HSC), Science (2017)
MH College

LANGUAGES

English	<div><div></div><div></div><div></div><div></div><div></div></div>
Hindi	<div><div></div><div></div><div></div><div></div><div></div></div>
Gujrati, Marathi, Marwari	<div><div></div><div></div><div></div><div></div><div></div></div>

INTERESTS

- Music
- Gaming
- Coding
- Gym