PRAKASH KUMAR

+91-790-365-4862 | prakash.052101@gmail.com | Portfolio

in prakash052101 | ⓞ prakash052101 | </> prakash052101

Bengaluru, Karnataka - 560037, India

EXPERIENCE

• **Accenture** 🌐 *Dec 2025 – Present*
Packaged App Development Analyst Bengaluru, India

◦ Recently promoted based on strong performance in full-stack development, automation, and delivery excellence.

◦ Currently transitioning into expanded responsibilities involving application development and more.

• **Accenture** 🌐 *April 2024 – Nov 2025*
Packaged App Development Associate Bengaluru, India

◦ Contributed to the design, development, and maintenance of enterprise-grade web applications using **MEAN stack** and **Adobe Magento 2**, covering backend logic, front-end integration, and full-stack delivery.

◦ Enhanced backend modules and utilities to improve modularity, performance, and readability; improved logging and error handling for production stability.

◦ Designed and optimized **unit and automation test suites** using **PHPUnit and Gherkin (BDD)**, boosting test coverage and reducing defects by **20%**.

◦ Engineered and optimized **Angular + Firebase + Cloud Functions** workflows with real-time sync and automated notifications; reduced backend latency from **1100 ms → 400 ms**.

◦ Automated deployments through **GitHub Actions** and Firebase Hosting, establishing scalable CI/CD pipelines and environment rollouts.

EDUCATION

• **Visvesvaraya Technological University** *July 2019 – June 2023*
B.E. in Computer Science and Engineering Bengaluru, India

◦ **CGPA:** 8.71 / 10.00

PROJECTS

• **BLOGSAGE: Online Blogging Platform**
Tools: MERN, Firebase, Redis, Docker, Jenkins, Nginx, GitHub Actions, Google OAuth [Blogsage]

◦ Developed a full-stack blogging platform with secure auth (OTP + Google OAuth), CI/CD automation, and Dockerized deployment on a self-hosted Ubuntu server with Nginx.

◦ Optimized performance using Redis caching and asynchronous email workflows, improving response latency and user experience.

• **AXYN: Automated Stock Analysis & Strategy Execution**
Tools: Python, FastAPI, Pandas, Backtrader, Alpaca API, NumPy, SQLite [Axyn]

◦ Built an end-to-end trading system with FastAPI backend for real-time stock screening, backtesting, and strategy automation using Bollinger Bands and ORB logic.

◦ Integrated Alpaca API for live data and trade execution, with rule-based risk management and performance analytics through Backtrader simulations.

SKILLS

• **Programming Languages:** Python, JavaScript, C/C++, Core Java

• **Web Technologies:** MEAN Stack, MERN Stack, RESTful APIs, Angular, Node.js, Express

• **Database Systems:** MySQL, MongoDB, Firebase Realtime Database, Firestore, SQLite

• **Cloud & Backend Services:** AWS (EC2, S3), Google Cloud Platform

• **DevOps & Version Control:** Git, GitHub Actions, Jenkins, Docker, Nginx, Redis

• **System & Architecture Design:** System Design, Schema Design, Sequence Diagram Modeling, API Architecture, OpenAPI Specification, Microservice Design Patterns