Prakhar Chitransh

Hyderabad, India | prakharchitransh56@gmail.com | +91 9517474711 | linkedin.com/in/prakharchitransh | github.com/lucifer322

Professional Summary

Results-driven Software Engineer with hands-on experience in backend and full-stack development, specializing in Python, Flask, Go, Node.js, and React.js. Proven ability to design and implement scalable solutions, optimize APIs, and integrate data-driven systems. Strong problem-solving background with a focus on performance, reliability, and clean code. Adept at collaborating with cross-functional teams and continuously learning modern backend technologies.

Experience

Software Development Engineer | Tata Consultancy Services (TCS) – Hyderabad, India | Sep 2024 – Present
• Designed and developed the BSOD Diagnostic Tool, enabling PwC's UK region teams to diagnose and resolve issues across 30,000+ devices, reducing troubleshooting time by 40%.
• Built and deployed Flask-based APIs integrated with React frontend, enhancing chatbot performance and contextual accuracy.
• Engineered a Node.js API to generate interactive analytics dashboards using Databricks and Azure Blob Storage, improving graph rendering performance by 50%.
• Ensured secure data handling, query optimization, and low-latency processing of datasets exceeding 300K+ records.
• Collaborated with DevOps and QA teams for CI/CD, version control, and deployment.

Software Engineer (Apprentice) | Genpact – Hyderabad, India | May 2024 – Sep 2024
• Participated in Agile ceremonies and contributed to sprint planning and retrospectives.
• Designed a Smart Search & Suggestion module using MongoDB full-text search and Elasticsearch to fetch relevant articles and solutions.
• The feature serves 800+ customer service reps, reducing query resolution time by 20% and improving first-contact resolution.
• Supported backend optimization and integration with internal tools.

Projects

UniHaven (Web Application) | React.js, Node.js, Express.js, MongoDB
Developed a full-stack platform simplifying PG accommodation discovery for graduates joining service-based companies. Designed APIs, implemented data models, and built a responsive UI for smooth search and filtering.

Education

Bachelor of Technology (B.Tech) in Artificial Intelligence
S.R.M. Institute of Science and Technology | Sept 2020 – Jun 2024
Relevant Coursework: Algorithms and Data Structures, Computer Architecture, Computational Theory

Certifications & Achievements

• PwC Client Recognition – Built diagnostic app reducing SLA by 60%.
• Solved 200+ DSA problems on LeetCode, Codeforces, and CodeChef.
• Qualified TCS National Qualifier Test (Prime Role).

Technical Skills

Programming: Python, Go, C++, JavaScript, PowerShell
Frameworks: Flask, Django, Node.js, Express.js, React.js, MongoDB
Databases: PostgreSQL, MySQL, MongoDB, Redis
Cloud Platforms: Microsoft Azure, Databricks, ServiceNow
Tools: Git, Jira, Docker, CI/CD, Postman
Methodologies: Agile/Scrum, RESTful API Design, Microservices Architecture