PRAVALIKA GODUGU

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SUMMARY

Aspiring Software Engineer with hands-on experience in building full-stack applications, REST APIs, and automation testing. Strong foundation in Data Structures , OOP, and Core CS fundamentals. Skilled in Python, SQL, and modern web technologies. Seeking to contribute to scalable and high-quality software solutions.

EDUCATION

Aurora's PG College, Hyderabad
Master of Computer Applications (MCA) | Nov 2023 – Sep 2025 | CGPA: 7.2/10

St. Ann's College for Women, Hyderabad
PG Diploma in Data Analytics | Oct 2022 – Aug 2023 | CGPA: 9.2/10

Jagruti Degree & PG College, Hyderabad
B.Sc. Mathematics, Statistics & Computer Science | Jul 2019 – Aug 2022 | CGPA: 8.4/10

TECHNICAL EXPERIENCE

Innomatics Research Labs | Full Stack Developer Intern | Remote   *Sep 2024 – Nov 2024*
A leading research lab focusing on advanced web and software Development

- Developed scalable full-stack web applications using React.js, Node.js, Express.js, and MongoDB.
- Designed and implemented RESTful APIs with optimized CRUD operations using DSA-based logic.
- Improved usability and performance of a Student Management System by enhancing data handling and UI responsiveness.
- Deployed applications on cloud platforms such as Vercel and Netlify.
- Followed Agile development practices and SDLC phases including requirement analysis, development, testing, and deployment.

TECHNICAL SKILLS

- **Programming:** Python, SQL, C, C++
- **Web Development:** HTML5, CSS3, JavaScript, React.js.
- **Frameworks/Tools:** Django, Flask.
- **Databases:** MySQL, SQL.
- **Other tools :** Git, GitHub, VS Code, Eclipse, Postman and Advanced MS Excel.
- **Cloud & DevOps:** AWS (Fundamentals), REST APIs, JSON, GitHub Actions
- **Core CS:** Object-Oriented Programming (OOPs), Data Structures, Algorithms, Software Development Life Cycle (SDLC)

PROJECTS

Spam & Fake User Detection (Twitter/X) | 🔗 link
- Developed a Flask and React-based system to identify spam and fake users with 84% detection accuracy.
- Optimized SQL queries to improve data processing efficiency.
- Implemented input validation and tested multiple edge cases to improve system reliability..

Blog Application System | 🔗 link
- Built a modular Django-based blog application with authentication and role-based access.
- Implemented full CRUD operations .
- Wrote unit tests for modules and performed functional testing.

Full Stack To-Do Application | 🔗 link
- Developed a MERN-based task management application supporting bulk actions.
- Optimized UI state management for better user experience.
- Performed API testing using Postman to validate request-response cycles.

E-Commerce Dashboard | 🔗 link
- Designed and developed a React and Node.js-based analytics dashboard integrated with MySQL.
- Built reusable frontend components and optimized backend API endpoints for faster data retrieval.

CERTIFICATIONS

- AWS Cloud Practitioner
- Certified React Js -Scalar Academy
- Agile Methodology & Quality Engineering Bootcamp - CSI

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