AYUSH GUPTA

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SUMMARY

Software Engineer with hands-on experience building scalable, responsive web applications using Python, Django, React.js and modern JavaScript. Strong at translating Figma designs into pixel-perfect UI, optimizing frontend performance, building and integrating REST APIs. Comfortable working in fast-paced environments with high ownership.

EDUCATION

Bachelor of Engineering (Computer Engineering)　　　　　　　　　　Dec 2021 – May 2025
Indira College of Engineering and Management (SPPU)　　　　　　　　　　　　*Pune, India*
CGPA / Grade: 8.53 / 10

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming (OOPs), Machine Learning, Artificial Intelligence, Database Management System (DBMS), Software Development Life Cycle (SDLC)

TECHNICAL SKILLS

Programming Language: Python, Java, JavaScript (ES6+), HTML, CSS

Libraries / Frameworks: React, Django, FastAPI, Pandas, NumPy, Tensorflow, Kafka, Node.js, Redux

Database: SQL, MySQL, PostgreSQL

Tools: Git, GitHub, Postman, JIRA, Grafana, Power BI

Cloud and DevOps: AWS (EC2, Route 53, Amplify, App Runner, S3), CI/CD, Docker, Agile

INTERNSHIP EXPERIENCE

Software Developer Intern　　　　　　　　　　　　　　　　　　　June 2025 – Nov 2025
Sqano Systems Pvt. Ltd.　　　　　　　　　　　　　　　　　　　　　　　*Pune, India*

- Built end-to-end full-stack features, developing FastAPI (Python) REST APIs and integrating them with a React frontend, improving backend response times by 35% through optimized async processing.
- Designed and implemented the PostgreSQL database architecture end-to-end, including schema design, indexing, and constraints, achieving 40% faster query performance and better data integrity
- Developed and documented scalable REST APIs deployed on AWS (EC2, S3), maintaining 99.9% uptime and supporting AI/ML-driven automation workflows.
- Worked collaboratively with backend and product teams, actively contributing to sprint planning and supporting teammates to ensure successful end-to-end feature delivery.
- **Tech:** React.js, JavaScript, Python, FastAPI, Tailwind, Git, REST APIs, PostgreSQL

Software Engineering Intern　　　　　　　　　　　　　　　　　　Dec 2023 – Jan 2024
Indira College of Engineering and Management　　　　　　　　　　　　　　*Pune, India*

- Developed production-grade RPA Tool PDF-to-CSV conversion achieving 99% accuracy, improving data analysis efficiency by 40% and eliminating 60% of manual processing overhead.
- Implemented intelligent data validation algorithms and error handling mechanisms ensuring reliable, scalable processing of large document volumes.
- Awarded runner-up recognition in competitive project evaluation among 50+ participants for innovative technical approach and exceptional solution quality.
- **Tech:** Python, CSV, PDF, JSON, REST APIs

SELECTED PROJECTS

Where Is My Bus? – Real-Time Tracking App
Python, Django, MySQL, React.js, JavaScript, HTML, CSS, REST APIs

- Developed a real-time bus tracking application serving 1,000+ daily commuters and parents, providing live bus locations and ETAs.

- Integrated GPS-based tracking with 5 second refresh intervals, improving arrival-time accuracy by 30%.

- Reduced average passenger wait time by 25% through predictive route and ETA visibility.

- Enabled fleet monitoring for 50+ buses for operators, improving route adherence and operational efficiency.

AI-Powered CRM Dashboard
React.js, REST APIs, Tailwind CSS, Python, FastAPI, PostgreSQL

- Built an AI-powered CRM web application to manage the end-to-end hiring lifecycle (requirements, screening, shortlisting, offers), reducing overall hiring turnaround time by 50

- Designed and implemented a multi-tenant (company-based) authentication and authorization system, including rolebased access control (RBAC) and permission management for secure user isolation.

- Developed and integrated high-availability REST APIs with the frontend, implementing debouncing, caching, and rate limiting to reliably handle high-volume concurrent requests.

- Delivered a production-grade UI/UX and scalable frontend architecture, enabling rapid feature expansion with minimal technical debt.