

SHREYASH GHANEKAR

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🐙 ShreyashPG

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📁 Portfolio

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Education

- **B.E. in Information Technology**, Pune Institute of Computer Technology **2022 – 2026 (Expected)** CGPA: **8.91**
- **HSC – 87.33%**, A.D. Joshi Jr. College **2021 – 2022** MHT-CET: **99.35%ile** (Rank 1 in college)

Professional Experience

- **Backend & DevOps Intern** **Alemenno, Thane | Apr 2025 – Aug 2025**
 - Worked on a real-time **defect detection system** on conveyor belts using **Python and Flask**.
 - Designed distributed **microservices**, automated **CI/CD pipelines**, and configured load balancers, API gateway and rate limiting, improving system scalability to handle 10,000+ requests/min with < 200 ms latency.
 - Managed deployment and monitoring of ML models on **AWS SageMaker**.
- **Backend Developer Intern** **Borgave Group, Pune | Jan 2025 – Apr 2025**
 - Built and Dockerized an **Express.js backend** for a Dairy ERP system with secure **JWT auth** and MongoDB schemas.
 - Integrated **WebSockets** for real-time inventory updates, reducing latency by **200ms**.
 - Automated **PDF report generation** with PDFKit and hosted static assets via **Cloudinary**.
- **Full Stack Developer** **Pune Institute of Computer Technology (In-house) | Apr 2024 – Oct 2024**
 - Developed a **React.js frontend** and **Express.js backend** for a student-teacher data portal with **CI/CD pipelines**.
 - Authored **40+ SQL queries** for advanced filtering and Excel report generation, reducing response time by **30%**.
 - Deployed & maintained the portal for **6+ months**, ensuring feedback driven updates. Used by 300+ students.

Projects

- **Resume Builder** Skills: *React.js, Express.js, MongoDB, Firebase, Redux, RabbitMQ, GenAI* [🔗 Project Link](#)
 - Designed and implemented a **scalable MERN microservices architecture** with **RabbitMQ** for async PDF generation, **Firebase authentication**, and **Redux-based state management**.
 - Built a responsive user interface with professional templates and integrated **OpenAI APIs** to automatically generate customized project and work experience descriptions.
 - Deployed on a modern **cloud-native stack**: **Vercel (frontend)**, **Render (backend)**, and **MongoDB Atlas (database)**.
- **Logging & Alerting System** Skills: *Python, Flask, MongoDB, Fluentd, Alertmanager, AWS S3, CI/CD* [🔗 GitHub Link](#)
 - Built a **centralized log aggregation and health monitoring system** using **Flask APIs** and **MongoDB** for structured log storage and analytics.
 - Integrated **Fluentd** for log collection and **Alertmanager** for real-time health alerts and system anomaly detection.
 - Configured **AWS S3** for scalable log archiving and deployed on **AWS ECS** with fully automated **CI/CD pipelines**.

Technical Skills

- **Programming:** C++, Java (Core), JavaScript, Python, SQL.
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Flask.
- **Databases:** MongoDB, MySQL, PostgreSQL, Redis, Firebase.
- **Cloud & DevOps:** AWS (EC2, VPC, S3, RDS, ECS), Docker, RabbitMQ, CI/CD (GitHub Actions).
- **Tools:** Git, GitHub, Postman, Fluentd, Alertmanager.

Open Source Contributions

- **folder-generator** - Developed a Javascript-based **npm CLI tool** that converts structured text diagrams into real folder hierarchies. **1200+ downloads** on npm.

Certifications

- React.js Deep Dive (Educative.io)
- AWS for Developers (LinkedIn)
- JavaScript (LinkedIn)
- Flask (Educative.io)
- Docker for Beginners (LinkedIn)
- Core Java (LinkedIn)
- SQL for Data Analytics (LinkedIn)
- Express & MongoDB (LinkedIn)

Achievements

- Solved more than **500 coding questions** on various coding platforms (LeetCode, GFG, TUF+).
- **2nd rank** in Algomania 2024 (IT Dept. Coding Contest, 250+ participants).
- **3rd rank** in Clash Coding 2025 (Xenia Tech Fest, 200+ participants).
- **SQLBolt: To Infinity and Beyond Challenge** – Completed interactive SQL assessments.
- Event Coordinator at Pictoreal College Club in 2024 organized a **blood donation camp** with **240 blood donors**.