

GAURAV MANE

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OBJECTIVE

Software Engineer with over 2.7 years of experience specializing in Python development, Generative AI, and Full Stack Engineering. Proficient in building scalable web applications, developing AI-driven solutions, and optimizing backend systems. Passionate about leveraging cutting-edge technologies to create innovative and efficient software solutions. Seeking an opportunity to contribute expertise in AI, backend development, and full-stack applications to impactful projects.

SKILLS

- **Programming:** Python (Django, Flask, FastAPI), JavaScript (React.js, Node.js), Streamlit
- **Generative AI:** OpenAI APIs, LangChain, AutoGen, LLM fine-tuning, TensorFlow, PyTorch
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Cloud & DevOps:** AWS (S3, EC2), CI/CD (GitHub Actions)
- **Version Control:** Git, GitHub, GitLab
- **Other:** Agile Scrum, SDLC, Unit Testing, Team Management

EXPERIENCE

Senior Software Engineer Capgemini

Dec 2022 – Present
Mumbai, India

- Designed and delivered 5+ production-ready full-stack web applications using **Python frameworks (Django, Flask, FastAPI)** and **JavaScript libraries (React.js, Node.js)** resulting in a **25% reduction** in dev-to-deploy cycle.
- Built interactive data-driven dashboards and AI tools using **Streamlit**, integrating **Agentic AI workflows** and **Retrieval-Augmented Generation (RAG)** pipelines to enhance data visualization, rapid prototyping, and intelligent decision support for internal stakeholders reducing data insight time by **40%**.
- Integrated **OpenAI APIs, LangChain, and AutoGen** to create custom **Generative AI** applications, including fine-tuning LLMs for domain-specific tasks, improving API response times by **30%**.
- Applied **TensorFlow** and **PyTorch** to build and train deep learning models for use cases like NLP, recommendation systems, and anomaly detection.
- Designed and optimized relational and NoSQL databases including **MySQL, PostgreSQL, and MongoDB** to support various application backends.
- Deployed and managed cloud-based services on **AWS (EC2, S3)**, and implemented **CI/CD pipelines using GitHub Actions** to streamline development and deployment processes.
- Collaborated using **Git, GitHub, and GitLab** for version control and team-based software development.
- Followed **Agile Scrum** methodology to manage sprints, conduct code reviews, and ensure timely delivery of features following the **SDLC** process.

PROJECTS

Generative AI POC:- Implemented a Proof of Concept (POC) using **GenAI** to demonstrate how artificial intelligence can be applied in software solutions, leveraging Python's Streamlit framework.

Web App Development :- Developed responsive web applications using React.js, HTML, CSS, and JavaScript. Ensured seamless user experience and mobile compatibility.

AI Cybersecurity Expert:- An intelligent cybersecurity assistant powered by AI that assists with security assessments, tool recommendations, threat analysis, and code generation.

(Technologies: Streamlit, Python, LangChain, OpenAI, GitHub)

Demo: [Click here](#)

Code Assistant App:- A Generative AI-powered tool that provides code assistance, debugging support, unit test case generation, and code optimization.

(Technologies: Streamlit, Python, LangChain, OpenAI, GitHub)

Demo: [Click here](#)

AI PDF Chat:- A Generative AI tool that interacts with PDF documents and answers user queries based on their contents.

(Technologies: Streamlit, Python, LangChain, OpenAI, GitHub)

Demo: [Click here](#)

EDUCATION

Bachelor of Technology (B. Tech) – Electronics and Telecommunication Engineering, Government College of Engineering Jalgaon
Aug 2018 – June 2022

AWARD'S & ACHIEVEMENT'S

AWS Gen-AI Hackathon :- Participated and secured the runner-up position in the **AWS GenAI Hackathon** organized by AWS-Capgemini.

GEM Award :- Received GEM award for Distinguished Contributor to the Client – 2nd highest award for employees at Capgemini.

WOW Award :- Recognized with the WOW award *twice* for the best performance in the project - the third highest award for employees of Capgemini.

LEADERSHIP

- Serves as team lead as well as senior developer.
- Manage the team of 10 employees and also mentor them.

EXTRA-CURRICULAR ACTIVITIES

- Participate in hackathons to solve real-world problems under time pressure and collaborate with like-minded individuals.
- Challenge yourself with coding challenges and competitions to improve your problem-solving and algorithmic thinking skills.