

Sumayya Fatima

Software Engineer | Full Stack Developer

Karnataka, India

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[LinkedIn](#) | [Github](#)

PROFESSIONAL SUMMARY

Software engineer with strong foundations in data structures, algorithms, and object-oriented programming, focused on delivering results. Proficient in Java, Python, and C++ with experience designing scalable distributed systems and cloud-based solutions on AWS. Developer who takes ownership, invents and simplifies complex problems, and thrives in fast-paced, collaborative environments.

EXPERIENCE

Software Developer Intern

Codtech IT Solutions, India

Jan 2025 – Jun 2025

Built a java Springboot microservice to process user analytics and boosting data speed by 30%. Partnered with cross function teams in Agile to refine features, driving higher user satisfaction.

Integrated CI/CD pipelines and automated testing, reducing production bugs by 40%.

Automated deployments with Docker & AWS CloudFormation, reducing release time by 50%.

Web Developer Intern

TAKE IT SMART (OPC) PVT. LTD, India

Oct 2023 – Dec 2023

Built a distributed file sharing prototype with python & AWS S3,for data sync across nodes.

Collaborated with UI/UX teams to revamp user interfaces, boosting engagement by 20%.

Published research optimizing data replication reducing network overhead

Conducted unit testing and performance profiling, ensuring robust and reliable functionality.

EDUCATION

Bachelor of Engineering in Computer Science & Engineering

Sambhram Institute of Technology, Bengaluru, India

Nov 2021 – May 2025 GPA:

7.95 / 10

Led the OsCode coding community, organizing events and fostering peer learning.

CERTIFICATIONS

AWS Certified Cloud Practitioner, Amazon Web Services (AWS), Jul 2025

Microsoft Certified AZ-900 Azure Fundamentals , Jul 2025

ACHIEVEMENTS

Finalist, CMTI DIC (Apr 2025): Project Smart Energy Monitor shortlisted as a top innovation for Iot based dev.

2nd Place, HackHerVerse Hackathon (May 2025): BlockSecureID recognized for reducing loan-based frauds by 45%.

PROJECTS

ADfluence [Link](#)

Designed and developed a responsive web application for brands to collaborate, Discover and connect with creators and marketing agents for a smooth experience. Trusted by 25+ brands and over 1k+ clients with 95% delivery rate.

BlockSecureID [Link](#)

Enabled real-time scam and fraud reporting via blockchain integration. Designed intuitive dashboards for user consent management, reducing fraudulent financial activities by 45% in prototype environments.

Personal Portfolio [Link](#)

Developed a Personal Portfolio using HTML, CSS and Javascript showcasing my projects, my skills and my portfolio. Built using User friendly UI/UX and interactive methods to contact by email / LinkedIn.

Custom AI Agent with Memory

Engineered end to end AI/ML Pipelines in Python (Langchain), OpenAI GPT models, Whisper(speech to text), Redis for vector based storage and Next.js for Ui interface. Collaborated with stakeholders to define requirements and align AI agent features. Built scalable backend for semantic data Retrieval.

TECHNICAL SKILLS

Web Development: HTML, CSS, JavaScript, React.js, Angular ,Next.js, UI/UX Design, API Design

Programming Languages: JavaScript, Java, .NET Core, C++, Python, TypeScript

• **Backend:** Node.js, Django, Flask, MySQL, PostgreSQL, Cosmos DB, NumPy, Pandas

Cloud & DevOps: AWS, GCP, Git, GitHub, CI/CD, Cloud Computing , OpenAI GPT, Langchain

Security: Web Security, JWT, OAuth 2.0, ElasticSearch

Other Tools: MS Excel, Power BI, Linux, Docker, Kubernetes , Postman, Visual Studio

VOLUNTEERING

NSS Volunteer, National Service Scheme

Volunteered in slum development, promoted smart education in government schools, and assisted in smart irrigation and water facilities in underdeveloped villages.

Team Lead, Lions Club of Bangalore

Led institutional teams in organizing and executing various volunteering events, fostering community engagement and leadership.

Research Assistant (SAIT)

- Mentored 10+ junior students in building distributed file systems and for the development of the university coding community.