

Amisha Gupta

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SKILLS

Languages: Python, JavaScript, C++, C, HTML/CSS, SQL

Frameworks & Libraries: Node.js, OpenCV

Cloud & DevOps: AWS (Lambda, API Gateway, DynamoDB, CloudWatch), Azure, CI/CD, Docker

Tools & Platforms: ServiceNow, Figma, Git, DBMS, StarUML

WORK EXPERIENCE

Tata Communications, Pune

Jul 2024 – Present

Full-Stack Software Engineer

- Architecting and developing full-stack employee portals and tracking applications using Node.js and modern frontend frameworks.
- Implementing and managing CI/CD pipelines for automated deployments and infrastructure provisioning, significantly reducing manual intervention.

Tata Communications, Pune

Mar 2024 – Jun 2024

Cloud Engineering Intern

- Developed serverless services using AWS Lambda, API Gateway, and DynamoDB.
- Integrated CloudWatch logs, metrics, and alerts for real-time observability.
- Built secure API endpoints with validation, routing, and IAM-based access controls.
- Assisted in cloud automation tasks across AWS and Azure environments.

LTI Mindtree, Mumbai

Jun 2023 – Aug 2023

Frontend Solutions Intern

- Designed intuitive UI/UX for a new Employee Central portal, focusing on improving user experience and workflow efficiency.
- Developed and deployed custom frontend components on the ServiceNow platform, extending its native capabilities.

EDUCATION

Bharati Vidyapeeth College of Engineering, Deemed to be University

2020 – 2024

Bachelor of Technology in Computer Science and Business Systems

CGPA: 8.82/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

RN Podar

2018 – 2020

Central Board of Secondary Education

77.8%

Arya Vidya Mandir

-2018

Indian Certificate of Secondary Education

93.5%

PROJECTS

- **Personal Portfolio Website with RAG Chatbot:** Designed and developed a personal portfolio website to showcase skills, experience, and projects. Integrated a Retrieval-Augmented Generation (RAG) chatbot trained on resume content and website data to answer recruiter queries using document chunking, embeddings, vector search, and LLM-based response generation. Deployed on Vercel.
- **IoT-Based Automated Plant Watering System:** Engineered a smart IoT solution using an Arduino Uno, soil moisture sensors and real-time weather APIs to dynamically adjust watering cycles, reducing manual intervention and water wastage.
- **Real-Time License Plate Recognition System:** Developed a system using Python and OpenCV to detect and extract alphanumeric characters from vehicle license plates via image processing and character segmentation.

AWARDS AND CERTIFICATES

- **Problem Solving through Programming in C** – NPTEL
- **Design and Analysis of Algorithm** – NPTEL
- **Probability and Statistics** – NPTEL
- **Python Programming** – Udemy
- **AI** – Coursera

CO-CURRICULAR ACTIVITIES

- **National Financial Literacy Assessment** – Top 50 percentile
- **MSSA-MI Indian Games Tournament** – Kho-Kho (Third Position)
- **Bandra Neighbourhood Winter Festival Art Competition** – First Place
- **Intermediate Grade Drawing Examination** – Govt. of Maharashtra