

# Amisha Gupta

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LinkedIn: <https://www.linkedin.com/in/amisha-gupta-897a7720a/>

Portfolio: <https://amishaportfoliopage.vercel.app/>

## 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**