

# Rohit Mugalkhod

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Bangalore, Karnataka, India

## CAREER OBJECTIVE

A passionate computer science engineering student with expertise in full-stack web development, and a strong interest and foundational experience in AI and machine learning, including RAG and cloud platforms like GCP.

## TECHNICAL SKILLS

- Languages** - Python, Java, JavaScript
- Web Development** - React Js, Redux, TailwindCSS, Express.js, Spring Boot, MySQL, MongoDB, PostgreSQL, FastAPI
- Design Tools:** Adobe Premiere Pro, Canva, Figma
- Soft Skills:** Communication, Team Collaboration, Problem Solving, Adaptability, Critical Thinking, Leadership, Creativity
- Others** - Git and GitHub, Docker, OS, AI and ML, Big Data, Computer Networks, Data Structures and Algorithms, Cryptography and Network Security, Cloud Computing, Cloud Platforms (GCP), Generative AI (Gemini)

## EDUCATION

### B.Tech in Computer Science Engineering

Presidency University, Bangalore  
Dec 2021 - Jul 2025  
CGPA: 9.53/10

### Higher Education (12th Grade)

SRA PU College, Banahatti  
Jun 2019 - Jul 2021  
Percentage: 94.5%

### Secondary Education (10th Grade)

JC English Medium School, Mahalingpur  
Jun 2018 - Apr 2019  
Percentage: 94.5%

## PROFESSIONAL EXPERIENCE

### DataZymes, India

Jan 2025 - Present

Software Development Intern (Stipend-based)

- Contributed to full-stack web development, focusing on modernizing company infrastructure and building data insight tools.
- Successfully delivered key projects including a complete website revamp, an AI-powered chatbot with RAG capabilities, and a marketing analytics tool.

### Plentra Technologies, India (Remote)

Oct 2024 - Nov 2024

Web Development Intern

- Led MERN stack project migrating data from MongoDB to Firestore, highlighting full-stack and database skills.

### Zidio Development, India (Remote)

Apr 2024 - Jun 2024

Web Development Intern

- Developed and maintained full-stack applications, including a Feedback Collection Application and a Chat Application.

## PROJECTS:

### Website Revamp (DataZymes Internship)

Technologies Used: React, PostgreSQL, Tailwind CSS, Express.js

- Rebuilt the company's website from WordPress/PHP to a modern stack, enhancing UI/UX and implementing responsive design.
- Implemented an admin page for managing blogs, job applications, and job postings.

### Nebula AI (DataZymes Internship)

Technologies Used: React, Express.js, GCP (Cloud Run), RAG pipeline

- Developed an AI chatbot with an integrated knowledge base, featuring source-referencing capabilities via a RAG pipeline.
- Managed full-stack development, including authentication and authorization, and deployed the application on GCP for scalability and reliability.

### NOVO Mix (DataZymes Internship)

Technologies Used: React, Python, FastAPI, Gemini

- Integrated the frontend with backend services using FastAPI; focused on frontend development and creating APIs for functions developed by other teams.
- Utilized Gemini for advanced analytics and insights generation, with Celery and Redis supporting background model execution.

### Intellia (DataZymes Internship)

Technologies Used: React, Redux, Mongoose, Express.js, JWT (jsonwebtoken), bcrypt, MongoDB, Docker, Railway.

- Developed a social media application with user authentication, post management, and like/comment features.

### FomoFeed (Social Media App)

Technologies Used: React, Redux, Mongoose, Express.js, JWT (jsonwebtoken), bcrypt, MongoDB, Docker, Railway.

- Developed a social media application with user authentication, post management, and like/comment features.

## CERTIFICATION

- Microsoft Learn Student Ambassador
- Introduction and Programming with IoT Boards
- Machine Learning Algorithms (SimpliLearn)

## LANGUAGES

- English (Professional Proficiency)
- Kannada (Full Professional Proficiency C2)
- Hindi (Limited Proficiency A1)

## HOBBIES

- Reading Books
- Video Editing
- Finance and Stock Market

## ACHIEVEMENTS

- Second Prize, Book Review Competition - 2023