

# ANIRUDH S GOPAL

## Software Engineer

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### Profile Summary

Enthusiastic Software Engineer with experience in Full Stack Development, AI/ML, and Cloud Technologies. Skilled in building scalable web applications with React.js, Node.js, Express.js, and PostgreSQL. Strong foundations in Python, TensorFlow, and Docker. Passionate about solving real-world problems through innovative software solutions.

### Technical Skills

**Programming:** C, C++, Python, JavaScript (ES6+), TypeScript  
**Frontend:** React.js, Tailwind CSS, Bootstrap, React Router  
**Backend:** Node.js, Express.js, Django  
**Databases:** PostgreSQL, MongoDB, Firebase  
**AI/ML:** TensorFlow, Scikit-learn, Pandas, NumPy, NLP, OpenAI API  
**Tools & Deployment:** Git, GitHub, Vercel, AWS, Docker  
**Other:** Data Structures & Algorithms, API Integration, Problem Solving

### Languages

English , Tamil , Malayalam , Japanese (Beginner, actively learning)

### Projects

**AI-Powered SaaS Platform** — React, Node.js, PostgreSQL, OpenAI API 🌐 **2025**

- Built full-stack SaaS platform integrating AI tools: article generator, blog title generator, image generator, background remover, and resume analyzer.
- Implemented authentication, billing, and deployment using Clerk and Vercel with Neon PostgreSQL.
- Focused on modular architecture and clean API integration for maintainability.

**Mental Health Recommendation System** — React, Django, TensorFlow 🌐 **2025**

- Built ML-based system providing personalized mental health recommendations using classification models.
- Integrated Django REST APIs with React frontend and TensorFlow models for real-time predictions.

**E-Commerce Platform – Water Delivery** — React, Node.js, Express, PostgreSQL 🌐 **2025**

- Developed responsive e-commerce web app with product catalog, cart, authentication, and online payments.
- Implemented order tracking and integrated payment gateway APIs; deployed using AWS and Vercel.

### Education

<b>B.E. in Computer Science and Engineering</b> <i>Acharya Institute of Technology, Bangalore (VTU)</i>	<b>May 2023 – Apr 2027</b> <i>CGPA: 7.6 (Till Date)</i>
<b>Minor in Artificial Intelligence</b> <i>Indian Institute of Technology, Ropar (IIT Ropar)</i>	<b>2024 – Ongoing</b>

### Certifications & Achievements

- Certified in Artificial Intelligence and Allied Technologies – IIT Ropar.
- Software Engineering Job Simulation – JPMorgan Chase & Co (July 2025) 🌐
- Technology Job Simulation – Deloitte (July 18, 2025) 🌐
- Completed multiple AI/ML and Full Stack projects with live deployments on GitHub.
- Participated in coding hackathons and contributed to open-source AI tools and SaaS projects.
- Introduction to AI — Feb 12, 2024 🌐
- Getting Started with Git & GitHub — Apr 11, 2024 🌐
- Developing Front-End Apps with React — Apr 20, 2024 🌐
- C for Everyone — Jan 2, 2024 🌐
- JavaScript Programming Essentials — Mar 13, 2024 🌐
- English for Career Development — Mar 23, 2024 🌐