SUNNY ROHIT GATTU

(He/Him)
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https://github.com/iamSunnyrohit | Online Portfolio URL

PROFILE:

I am a recent graduate with a bachelor's degree in computer science, and I am passionate about building full-stack web applications. Skilled in both front-end and back-end development with hands-on experience in JavaScript, React, Node.js, and MongoDB. Proficient in problem-solving, software engineering principles, and agile development methodologies. Strong understanding of cloud-based technologies and modern development tools.

EDUCATION:

Pace University, Seidenberg School of Computer Science and Information Systems New York, New York City
Masters in computer science | **Concentration**: computer science | **Honors: Dean's list** | **GPA: 3.95 |** Expected Graduation: May 2025

Vignans institute of information technology Visakhapatnam, Andhra Pradesh

Bachelors in computer science | **Concentration**: computer science | **GPA: 7.4 |** Graduated on May 2022

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Python, C++, Java, C
Front-End Technologies: HTML, CSS, React.js, Bootstrap, Material-UI
Back-End Technologies: Node.js, Express.js, Django, Flask
Databases: MySQL, MongoDB
Cloud Platforms & Services: AWS (EC2, S3), Azure, Firebase
DevOps & CI/CD Tools: Docker, Jenkins, Git, GitLab
Version Control Systems: Git, GitHub
Testing & Debugging: Jest, Mocha, Chai, Selenium, Postman
Project Management & Collaboration: Agile, Slack

ACADEMIC PROJECTS / PERSONAL PROJECTS

Online Appointment System for Haircuts — January 2021 – April 2021

- Developed a web-based appointment booking system for hair salons using React, Node.js, and MongoDB.
- Implemented features such as user authentication, calendar-based appointment scheduling, and real-time notifications using WebSocket.
- Integrated a role-based access control system for customers and salon owners to manage profiles, services, and appointments.
- Deployed the application on AWS and configured auto-scaling to handle peak traffic efficiently.

Disease Detection System for Skin Diseases — January2022 – March 2022

- Created a skin disease detection system using Python and TensorFlow for image classification.
- Collected and pre-processed a dataset of skin disease images, then trained a convolutional neural network (CNN) model to detect various types of skin conditions.
- Achieved 85% accuracy in disease classification by fine-tuning the model and optimizing hyperparameters.
- Developed a web-based interface using Flask to allow users to upload images and receive diagnostic results in real-time.

CERTIFICATIONS:

- Programming for everybody (getting started with Python) form university of Michigan

HACKATHON AND VOLUNTEER WORK

Google Hackathon 2021 — Participant, January 2021

- Collaborated with a team of 4 to create a web application for tracking personal expenses using React and Firebase.

Volunteer Mentor

Hackathon — September 2022

- Mentored high school students in basic programming concepts and project-based learning using JavaScript.

LANGUAGES:

- English (Fluent)
- Hindi (Conversational)
- Telugu (Native)

INTRESTS:

- Web Development, Cloud Computing, Open-Source Contributions, Chess, Traveling, Cricket