Rohan Gottipati

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TECHNICAL SKILLS

Languages: Python, Java, R, C, SQL, React, HTML, CSS, Matlab
Frameworks & Libraries: Flask, Pandas, NumPy, Matplotlib, Seaborn, ggplot2, Chart.js, Tailwind CSS
Tools & Technologies: Git, GitHub, Jupyter Notebook, VS Code, OpenAI API

EDUCATION

Wilfrid Laurier University   Sept 2024 – Apr 2028
Bachelor of Computer Science   *Waterloo, ON, Canada*

PROFESSIONAL EXPERIENCE

TeachTrack AI   Jan 2025 – Present
Co-Founder, Software Development Lead   *Toronto, ON, Canada*

- Developed an AI EdTech platform with **Python**, **Flask**, and **React** to identify student learning gaps.
- Built automated data pipelines to process assessments, generate learning gap reports, and deliver real-time dashboards visualizing student performance trends, saving teachers 12+ hours per week.
- Improved AI model accuracy by 30% through iterative development with educator feedback.

Varsity Tutors   Nov 2024 – Present
Math and Coding Tutor   *Toronto, ON, Canada*

- Delivered individualized tutoring in **Python**, **Java**, and algorithms to strengthen technical problem-solving skills.
- Created interactive programming projects to reinforce concepts like loops, logic, and data structures.
- Provided mentorship on AI, software, and data science pathways to support technical development.

PROJECTS & OTHER EXPERIENCE

Student-Focused AI Resume Analyzer | *React, Flask, OpenAI API*   Remote

- Developed an AI-driven analyzer using NLP and ATS logic to deliver degree-specific, keyword-optimized feedback.
- Integrated automatic keyword detection and formatting checks to enhance technical document strength.
- Enabled students to iteratively improve resumes with AI-generated suggestions based on field requirements.

Visual Job Application Tracker | *React, Node.js, Tailwind CSS*   Remote

- Built a responsive web platform for tracking job applications with live status updates and visual dashboards.
- Implemented dynamic filters by company, role, and stage to streamline the application process.
- Optimized mobile performance using Tailwind CSS to ensure seamless cross-device functionality.

Interactive Data Dashboard (Job Market Trends) | *React, Chart.js, Node.js*   Remote

- Developed a real-time dashboard displaying tech job market trends with interactive charts and public datasets.
- Analyzed salary ranges, demand fluctuations, and hiring patterns to visualize industry data.
- Added filtering by location, role, and experience level to personalize data exploration.

Personal Portfolio Website | *HTML, CSS, JavaScript*   Remote

- Created a responsive portfolio site highlighting technical projects and development experience.
- Applied CSS Grid, Flexbox, and performance optimization to achieve high **Lighthouse** scores.
- Showcased full-stack development capabilities and technical accomplishments.

DMZ Sprint + Voyage   May 2024 – Present
Startup Incubator Member   *Toronto, ON, Canada*

- Completed product accelerator focused on technical scalability, service design, and customer discovery.
- Enhanced **TeachTrack AI** functionality through testing and feedback integration.
- Delivered technical product demos and pitched **TeachTrack AI** at Toronto Tech Week to showcase platform features and highlight technical impact to industry professionals.