Hiten Gupta

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Skills

Languages: Java, C/C++, Python, Bash, MATLAB
Web: Node.js, Express, Vue, React, Flask, HTML, CSS, JavaScript, Bootstrap, Tailwind
Databases: SQL, MongoDB
Tools: Git, GitHub, Docker, Linux

Experience

Software Development Intern, James Anthony Consulting   June 2025 - Nov 2025
Adelaide, SA

- Contributed to client projects **Slow Tours** and **TestInvest**, focusing on feature development, documentation and testing.
- Designed and developed new features, improving functionality and enhancing user experience.
- Prepared clear and comprehensive technical documentation to support ongoing development.
- Performed testing and debugging, ensuring reliability and alignment with client requirements.

Education

University of Adelaide   Adelaide, SA
Bachelor of Computer Science (Advanced)   Expected Graduation: Dec, 2026

- GPA: 6.75/7.0, 30% Global Citizens Scholarship
- Relevant Coursework: Web & Database Computing, System Programming, Software Engineering, Data Structures & Algorithms, Object-Oriented Programming, Computer System, MATLAB & C, Mathematics IA & IB

Projects

Smart Course Advisor – AI-Powered Course Recommendation Platform   Sep 2025 - Sep 2025
Website: smart-course-advisor.vercel.app/ Code: github.com/hiten011/smart-course-advisor.git

- Developed an AI-driven platform to recommend personalized university courses based on students' preferences and goals.
- Trained a machine learning model on real University of Adelaide course data.
- Built a full-stack web application integrating AI backend with a responsive React frontend for seamless user experience.

Tech Stack: React, Node.js, Express, MySQL, Machine Learning

Cinematch – Full-Stack Movie Recommendation Web App   Apr 2025 - Present
Website: cinematch-fzvq.onrender.com/home Code: github.com/hiten011/cinematch

- Built a Tinder-style movie recommendation platform that adapts to user preferences in real time through swiping interactions.
- Designed a custom scoring algorithm to personalize suggestions based on genres, languages, decades, etc.
- Created a normalized MySQL database schema for efficient interaction.
- Developed a swipeable, responsive front-end using Vue.js.

Tech Stack: Node.js, Express.js, MySQL, Vue.js, HTML, CSS, JavaScript

Minesweeper 2.0 – OOP-Based Game   Sep 2024 - Oct 2024
Code: github.com/hiten011/minesweeper2.0

- Rebuilt classic Minesweeper using OOP principles as part of university coursework.
- Applied encapsulation, inheritance, and modular design to enhance gameplay and structure.
- Improved C++ fluency and collaboration skills.

Tech Stack: C++, Object-Oriented Programming, Data Structures & Algorithms, SFML

Additional Information

Activities: Volunteer at YouX | Active in AUCPL, LeetCode Contests | AI/ML Club Finance Treasurer

Hobbies: Investing in stock market, playing badminton

Certifications: Data Structures & Algorithms in Java – Apna College, CS50: Introduction to Computer Science – Harvard (edX)