

Ayush Prabhu

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EDUCATION

Bachelor of Technology in Computer Science and Engineering –(CGPA:8.87) Sep. 2022 – July 2026
Manipal Academy of Higher Education Manipal, Karnataka

EXPERIENCE

Full Stack Development Intern June 2024 – July 2024
Prasanna School of Public Health Manipal, Karnataka

- Completed a Full Stack Web Development project on a Health Literacy Research platform
- Explored ways to analyze and visualize health literacy factors
- Enhanced Technical, Professional and Communication skills

Open Source Contributor Oct. 2023 – Nov. 2023
Hacktoberfest

- Communicate with maintainers to understand issues related to the project
- Solve the issues and contribute to the open source repositories, thus developing problem solving and development skills
- Hands-on experience with version control systems like Git, GitHub and GitLab
- Worked with projects like Interledger and DocsGPT

PROJECTS

Health Literacy Survey Platform / *MongoDB, Node.js, React, Express, Bootstrap* June 2024 – July 2024

- Developed a full-stack web application for researchers to conduct surveys, interact with other authors and analyze the results
- Built an intuitive User Interface using React, Bootstrap and Material UI
- Implemented features that help in handling files, images, tables and code and integrating them in the surveys
- Used MongoDB and Express for handling the data and providing live updates

Bus Management System / *HTML, CSS, JavaScript, PHP, SQL, Git* March 2024 – April 2024

- Developed a live application to manage local buses, employees and schedules
- Designed a comprehensive database schema, implemented efficient data storage and retrieval across various entities
- Used ER Diagrams and Normalization algorithms to improve reliability and efficiency

Explore Manipal / *HTML, CSS, JavaScript, Django, Git* September 2023

- Designed a web application for a Hackathon using Django to showcase the cultural centers around Manipal
- Improved Communication and Presentation skills

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Assembly (ARM), Verilog, PHP
Frameworks: React, Node.js, Flask, Django, Bootstrap, Helmet.js, Material-UI, Vue
Developer Tools: Git, BurpSuite, NMAP, Wireshark, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, JAX, Matplotlib

RELEVANT COURSE WORK

Coding for Everyone: C and C++ specialization with Honors (University of California, Santa Cruz, via Coursera)
Build a Modern Computer from First Principles: From NAND to Tetris specialization (Hebrew University via Coursera)
Front End Development Libraries: Certification (FreeCodeCamp)