

KARTHIK MANDA

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OBJECTIVE

Computer Engineering student seeking Front-End Development, Web Development, and UI/UX roles. Proficient in Responsive Web Design, Cross-Browser Compatibility, User-Centered Design, Agile Methodologies, and JavaScript Frameworks.

EDUCATION

Bachelor of Computer Engineering, Nanyang Technological University 2024-2028

Relevant Coursework: Data Structures and Algorithms, Computer Architecture and Organization, C and C++ Programming.

Indian Standard 12, Narayana Junior College 2020-2022

SKILLS

Technical HTML5, CSS3, JavaScript, React (beginner), Figma, Bootstrap, Python, C, C++, Responsive Web Design,

Soft Skills Event Planning, Critical Thinking, Analytical Thinking.

EXPERIENCE

National Serviceman Technician Jan 2023 - Aug 2024

Singapore Armed Forces Singapore

- Led periodic and corrective maintenance on military vehicles (MAN, FORD, Mercedes-Benz); certified by ST Engineering.
- Diagnosed and repaired electrical and digital systems; performed preventive maintenance to reduce downtime; certified by BCA.
- Conducted operational and quality assurance checks to ensure equipment compliance with military readiness standards.

PROJECTS

Portfolio Website — Responsive portfolio using HTML5, CSS3, JavaScript, Bootstrap. UI Components, Performance Optimization. [Link](#)

StudyHavn App — Figma prototype with User Research, Wireframing, Usability Testing, Design Systems. [Link](#)

CityDrip App — Figma e-commerce prototype with Accessibility (WCAG), REST API concept, Agile principles. [Link](#)

CERTIFICATIONS

Web Design For Everybody Specialization (UMich), UI/UX Design Specialization (CalArts), User Experience Research and Design Specialization (UMich), Cisco CCNA.

EXTRA-CURRICULAR ACTIVITIES

Leadership Roles: CCDS Events Committee (Programs Planner), CCDS Transition Orientation Programme (Chief Programmer), NTU Indian Society (Logistics Subcommittee). Interests: Basketball, Sneaker Collecting.