

VINAS MAVANI

Halifax, NS

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PROFESSIONAL SUMMARY

- Dedicated UX Engineer with almost 2 years of experience building scalable, user-centric web applications. Proficient in the MERN stack, focusing on reusable components and responsive designs. With a strong background in UX Design, usability testing, and database management, collaborating with teams to deliver intuitive solutions.

TECHNICAL SKILLS

- **Frontend Development:** HTML, CSS, JavaScript, React.js, Redux, Tailwind, Material UI
- **Backend Development:** Node.js, Express.js, Fastify
- **Databases & API Development:** MongoDB, MySQL, RESTful APIs, GraphQL
- **Cloud & Deployment:** AWS (EC2), Firebase, Heroku, Netlify
- **DevOps & Tools:** Git (GitHub, Bitbucket, GitLab), Docker, CI/CD Pipelines
- **UI/UX Design:** Figma, Wireframing, Prototyping, User Research
- **Product Development & Collaboration:** Agile, Scrum, Kanban, JIRA, Cross-functional teamwork
- **Soft Skills:** Problem-solving, Communication, Collaboration, Attention to detail, Adaptability

WORK EXPERIENCE

Human-Centred Design Lab

May 2024 - September 2023

UX Researcher

Ottawa, ON

- Conducted discovery research on city priorities, focusing on skilled immigrant integration. Designed and executed mixed-methods research studies, including qualitative and quantitative methodologies.
- Developed user personas and journey maps, utilizing design thinking and usability testing to enhance public services. Presented findings in reports and meetings, incorporating UX/UI design principles for visual recommendations.

Omega Orion

February 2023 - September 2023

UI/UX Designer

India

- Led end-to-end UX design for web and mobile products, including user research, interaction design, visual design, prototyping, and usability testing to enhance user experiences.
- Collaborated with product managers and developers to define product requirements, create user flows, mind maps, wireframes, and high-fidelity UI designs, and align with business goals.
- Designed intuitive interfaces following industry trends, ensuring accessibility, responsive designs, and an engaging user experience across digital platforms.

DioneApps

October 2021 - February 2023

Web Developer

India

- Developed high-performance, scalable web applications using MongoDB, Express.js, React.js, and Node.js, ensuring seamless functionality and optimal user experiences.
- Collaborated closely with cross-functional teams, including designers and product managers, to deliver innovative, user-centric features that aligned with business objectives and enhanced user satisfaction.
- Optimized application performance, security, and scalability by integrating third-party APIs and adhering to best practices to deliver robust, future-proof solutions that exceeded client expectations.

EDUCATION

Full Stack Application Development

September 2024 - Present

Nova Scotia Community College, Halifax, NS

Interdisciplinary Studies in Human-Centred Design

September 2023 - April 2024

School of Media and Design, Algonquin College, Ottawa, ON

Bachelor of Computer Application

June 2019 - Feb 2022

Sutex Bank College of Computer Applications & Science, Gujarat, IN

PROJECTS

Recipely

A recipe search engine that allows users to find recipes based on available ingredients and contribute their own.

Responsibilities:

- Designed and developed the website's UI/UX for an intuitive user experience.
- Built and implemented the backend API to handle recipe searches and submissions.
- Developed and managed the server infrastructure for seamless performance.

Project Links: [UI/UX File](#) | [Frontend](#) | [Backend](#)

Itsplit

An app for all types of bills that splits them into members and sends them WhatsApp reminders to pay their share from time to time.

Responsibility:

- create new designs with in-depth research of features and Illustrate design ideas using storyboards, and process flows.

Project Links: [UI/UX File](#)

Football App API

An API that delivers football match predictions, real-time results, and analytics for FIFA games, enhancing user engagement with data-driven insights.

Responsibilities:

- Developed a Node.js and MongoDB-based API for match predictions and results.
- Deployed the API on an AWS server instance for scalability and performance.
- Implemented data processing and analytics to provide real-time insights.

Project Links: [UI/UX File](#) | [Backend](#)

My Commune - UI Kit

A community-driven app that enables neighbors to connect, share safety information, report suspicious activities, and receive real-time alerts to enhance local security.

Responsibilities:

- Designed a comprehensive UI kit with a focus on usability and accessibility.
- Conducted in-depth research and user analysis to optimize the user experience.
- Created mind maps and design workflows to streamline feature development.

Project Links: [UI/UX File](#) | [Mind Map](#)