

Manav Kumar

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Sydney, Australia

Career Objective

Software Engineering graduate with experience in building custom web solutions. Seeking to apply my skills in designing and implementing innovative projects, focussing on enhancing user experiences in a dynamic software development role.

Education

University of Technology Sydney

Bachelor of Engineering (Honours) in Software

Mar 2020 – Jun 2023

Sydney, NSW

Technical Experience

Evaheld

Nov 2022 – Apr 2023

Front-End Developer

- Developed and constructed a highly functional homepage and significantly improved the contact page, boosting its performance by 170%.
- Trained 3 new team members in internal web functions, tailwind CSS and GitHub commands.
- Conducted 100+ usability tests on each independent page on website, designed 20+ reports showcasing UX design features, UI design issues, navigation bugs and improvement areas for enhanced user experience.
- Converted Photoshop designs into HTML and CSS, preserving integrity of UI and UX design elements.
- Created 3 memorial website pages, laying groundwork for future team collaboration.
- *Tools: Tailwind, TypeScript, NextJS, HTML, CSS, MongoDB, React.*

UTS Women in Engineering and IT

Mar 2022 – Jun 2022

Front-End Developer

- Proposed and executed 2 new designs for admin dashboard and employee dashboard.
- Communicated with stakeholders and consultants and constructed a strong understanding of key phases throughout project's lifecycle.
- Facilitated weekly scrum, stand-up meetings to ensure effective project tracking.
- Devised website content including design, graphics, links, forms, and programs ensuring cohesion and functionality.
- *Tools: HTML, CSS, React, Bootstrap.*

Technical Skills

Frontend Languages: JavaScript, Typescript, HTML, CSS

Backend Languages: C++, C#, Java, Python, AWS SageMaker

Framework: Bootstrap, Tailwind, Vue, NextJS, ReactJS, NodeJS, Net Core, MVC

Database: MYSQL, SQL Server, MongoDB, Docker, Postman

Agile Tools: GitHub, Jira, Confluence, Microsoft Teams, Slack, Eclipse, Asana

Relevant Projects

AI-based Calendar App

Aug 2022 – Oct 2022

Front-End Developer

- Established front-end of an AI-based calendar app, focusing on user calendar integration and scheduling suggestions using Vue and React.
- Crafted user profile page and contact page.

Weather Analysis

Mar 2022 – Jun 2022

Data Analyst

- Employed Data modelling using Linear regression, Random Forest classifier, K-nearest neighbors, and support vector machine to predict weather on a dataset of over 30k different values in python and anaconda.
- Received a distinction for prediction accuracy of 95%.

Achievements

- **Top 10% within AWS Deepracer Student League:** Ranked within top 10% in Australia for creating a reward function for reinforcement learning model on Amazon SageMaker for autonomous racing league.