

# Manav Bhatt

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## Education

### Bachelor of Engineering (Software) (Honours). CGPA: 6.70/7.00

Feb 2020 – Current

Flinders University – Adelaide, SA.

*Courses:* Data Structures & Algorithms, Java OOP, Web Development, Operating Systems, Data Engineering.

*Activities:* UNIHACK Hackathon, Ravi's Study Program, Competitive Programming Club, Flinders University Computer Society.

## Experience

**Fivecast** – Adelaide, SA.

Jul 2022 – Dec 2022

### Software Engineer Intern

Full-stack development in the product development team creating Fivecast ONYX Vetting, an automated tool that provides essential security intelligence insights for the vetting and continuous evaluation process.

- Revamped outdated dashboard, resulting in a **50% increase** in user satisfaction and a **40% improvement** in overall performance, delivering improved usability, readability and design and contributing to the successful **release 14**.
- **Successfully guided a team of two interns** to complete all assigned tasks within an epic with a **100% success rate**, surpassing expectations set out by engineering managers and delivering outstanding results.
- Implemented/debugged various UI features and components using **ReactJS, TypeScript, JavaScript, and Jest**. Learned about best front-end development practices, agile/scrum methodologies, and unit/integration/functional tests.

**MoneyMate** – Adelaide, SA.

Dec 2021 – Jan 2022

### Software Engineer, Contractor

- Streamlined document management processes and improved data accuracy by implementing a fetching system using **ReactJS, Firebase Database, Redux, and React Router** to perform efficient **CRUD** (Create, Read, Update, and Delete) operations on documents, cumulative documents, and notes pages.
- Enhanced user experience and system efficiency by implementing seamless routing between application modules.

## Projects

### Blockbuster (Streaming Guide) – [Website](#) | [GitHub](#)

Dec 2021 – Feb 2022

- Designed and developed a web-based platform, **Blockbuster**, to provide a one-stop solution for users to discover legal streaming, rental and purchase options for their favourite movies and TV shows.
- Implemented and integrated an efficient Firebase Authentication system using **ReactJS, Hooks (State/Effect), and Asynchronous API (async/await)**, resulting in a **95% decrease in sign-in errors**, and a streamlined user experience.

### Simple (Ecommerce Store) – [Website](#) | [GitHub](#)

Sep 2021 – Nov 2021

- Led team of 5: delegated tasks, **organized meetings**, assisted teammates **debug, planned/executed deadlines**, and **project milestones**, leading to a final grade of **95%**.
- **Engineered** and introduced a dynamic products page/system using **HTML, CSS, JavaScript, PHP, and MySQL**, enabling seamless addition of future products to the e-commerce store.
- Proactively led the team to secure the website against code and SQL injections, ensuring a **safe and reliable user experience**.

## Additional Experience and Awards

### UNIHACK 2023 (Food Daily) – [GitHub](#) | [Devpost](#)

- Collaborated with a team of 5 to design and develop a full-stack website within **48 hours** using **ReactJS** and **Next.JS**, enabling users to receive personalized meal plans based on their dietary preferences, allergies, and health goals.

**Chancellor's Letter of Commendation (2021/2022):** Awarded to students who complete a year of full-time study and whose academic performance is deemed to be outstanding.

**Programming Skills:** JavaScript/TypeScript, Python, Java, C++, PHP, SQL.

**Other:** ReactJS, Redux/Flux, HTML, CSS/SASS/Bootstrap, Material-UI, Styled Components, Jest, Apache, Azure.