

Pranavi

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GitHub: <https://github.com/pra-navi> and <https://github.com/iknowuknow>

Portfolio: <https://pranavi-portfolio-website.vercel.app/>



Work Experience

- Jul 2024 – Present **Erium GmbH (in Germany)**
Software Development Intern
- Created a Microsoft Teams bot to integrate their AI bot from their main tool - Halerium into Teams
 - Designed and implemented improvements the frontend of their features (Information Store) on their website (Design and Development)
 - Improved logic of how they can better prompt their AI bot to receive more accurate responses for long documents
- May 2024 – Jul 2024 **EigenSensor**
Frontend Developer
- Conducted thorough research of competitors, communicated with the developer team and created multiple wireframes to incorporate UI and UX into the frontend of the web application for users to use the EEG headset and view/compare the data received
 - Tested out different software frameworks and packages and created the final web application using PyQt
- Apr 2024 – Jul 2024 **NUSBuffets**
Self Employed – Mobile Application Developer
- Proposed a mobile application to NUS with a pitch and received a grant to implement this with a partner
 - Conducted interviews and research with potential users among the NUS community and then developed a design before finally developing it using React, Typescript and Firebase
- Nov 2023 – Present **Minstant**
Assistant Software Engineer
- Created an automated telegram scraping tool to take content from telegram channels
 - Created a workflow to use OpenAI to generate informative and trending content to be shared by Minstant
 - Optimised the SEO of the Minstant website successfully to increase the trend of activer users by 1.5x
- Collaborating beyond the technical team to discuss objectives clearly before and after development of the product
- Oct 2023 – Jul 2024 **NUSC Committee**
Head of UI/UX
- Cross-Functional collaboration with technical and admin team in the design of the nusc.club website
 - Balanced improvement of the current website, organizing the committee UI/UX resources and creating new pages for a feature
- Jun 2023 - Jul 2023 **EssilorLuxottica**
IT Intern
- Hands on experience with both software and hardware tools and network
 - Communicating with personnel of different managerial positions
 - Liaised with external hardware support staff and maintained connections
 - Diagnosed and provided technical and troubleshooting assistance related to computer hardware and software, mobile devices and other tech tools and products
 - Managed migration of network from Google Drive to M365

Education

- Aug 2022 - Present **National University of Singapore**
Bachelor of Computing (Honours) in Computer Science [Honors College, NUS College]

Scholastic Achievements/Extracurricular Activities

Jul 2023	Coursera Google UX Design Certificate (2023) <ul style="list-style-type: none">• Foundations of User Experience (UX) Design• Start the UX Design Process: Empathize, Define, and Ideate• Build Wireframes and Low-Fidelity Prototypes• Conduct UX Research and Test Early Concepts• Create High-Fidelity Designs and Prototypes in Figma• Responsive Web Design in Adobe XD• Design a User Experience for Social Good & Prepare for Jobs
May 2023 – Jul 2023	Orbital Programme by NUS School of Computing Apollo 11 (Advanced) – good set of core features, extensions, software engineering practices and documentation <i>A website to help students explore the best study method for each individual to memorize information through the use of gamified quizzes and tracking their history.</i>
May 2023	LifeHack 2023 By NUS Computing Club Most Outstanding Year 1 Hack <i>A MERN stack (with different access roles) forum website to create a community of hobby explorers and learners through a gamified system of uploading or commenting on posts.</i>
Aug 2022 – Present	NUS School Projects <ul style="list-style-type: none">• Completed a CLI and GUI chatbot for task management from scratch (July 2023) Evolved a contact management web application to an event planner GUI web application (Nov 2023) with best software engineering practices and proper documentation for both users and developers• Completed a PostgreSQL project on database creation from user requirements and an unclean dataset (September 2023)
Jan 2020 - Dec 2021	Victoria Junior College <ul style="list-style-type: none">• National finalist of Code_EXP_Hackathon 2020 organised by DSTA with a group of 3 other participants from different schools with a prototype mobile application (2020)• Initiated and collaborated with schoolmates and clinched the title of national semi-finalist of the coding competition Build On, Singapore 2020 with our prototype mobile application and presentation (2020)

Skill Sets & Proficiency

Office Productivity	Microsoft Word, PowerPoint, Excel, Power Automate	Proficient
UI/UX	Figma, Low and High Fidelity Designs AdobeXD, User Research and Testing	Proficient Intermediate
Web	HTML, CSS, React Node.js, Express.js, JavaFX, PyQt	Proficient Intermediate
Database	PostgreSQL MongoDB, Firebase	Proficient Intermediate
Programming	Java, C, Git, Python	Proficient
Scripting	JavaScript, TypeScript, API Development	Intermediate
Non-technical Skills	Project Management, Leadership, Sprints Documentation For Users and Programmers	Proficient Proficient

Language Proficiency

Spoken	English – fluent; Hindi – fluent; Telugu – fluent; Thai – beginner, German – beginner
Written	English – competent; Hindi – competent