CHANNA PRASAD

SOFTWARE ENGINEER | FULL-STACK DEVELOPER

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SUMMARY

I am a graduate student specializing in Software Technology at the University of Sri Jayewardenepura. Results-driven Full-Stack Developer with hands-on experience in both frontend and backend development, specializing in React.js, Next.js, Node.js, MongoDB, and Tailwind CSS. I am passionate about building scalable web applications, optimizing APIs, improving user experiences and using technology to solve real world problems. I have experience working in Agile environments and delivering high-quality, efficient solutions.

EDUCATION

University of Sri Jayewardenepura   **Nugegoda, Sri Lanka**
Bachelor of Information and Communication Technology   *2021 - 2025*
(Honors Degree Specializing in Software Technology)   *Graduation Date: Oct 2025*

G. C. E Advanced Level Examination   **2019**
WP/MT Mihindu Central college   *Agalawatta, Sri Lanka*
Engineering Technology Scheme - BCC

CERTIFICATIONS

University of Moratuwa   *Link*   **Moratuwa, Sri Lanka**
Web Design for Beginners E-Certificate

Coursera   *Link*
HTML, CSS, and JavaScript for Web Developers

WORK EXPERIENCE

FagginApps (Pvt) Ltd. (NeuralT)   **SLIIT Innovate, Malabe**
Intern Software Engineer   *July 2024 - Feb 2025*

- Collaborated on software development tasks under the guidance of senior engineers, UI/UX, QA, PM and backend developers.
- Designed UI components with ReactJS &Tailwind CSS.
- Supported the improvement of software features through coding, debugging, testing activities and Developed frontend features.
- Gained practical experience using industry-standard tools and technologies to deliver client-focused solutions.
- Followed Agile methodologies, sprint planning & team discussions.
- Implemented form validation and email notifications.

PROJECT EXPERIENCE

University of Sri Jayewardenepura – Faculty of Technology   **Pitipana, Homagama**

Automated detection and translation of pictorial symbols - Final Year Research Project   *Link*

- Develop a Flutter based mobile app to detect and translate Aththani Sellipi symbols. Train a CNN model (MobileNetV2) for symbol recognition - Python, Flutter
- Developed a Python-based RESTful API for image processing and symbol recognition, and built a Flutter frontend for mobile and web deployment using VS Code with Flutter and Dart extensions.

Face Recognition System - Group Project   *Link*

- Automatically find all the faces in an image Recognize and manipulate faces from Python and Marking Attendance - Machine Learning

ARG Workforce - Job Posting and Seeking Website   *Link*

- Played a key role in developing frontend components, with a focus on delivering a dynamic, responsive, and user-friendly interface.
- Successfully integrated MongoDB, Express.js, React, Tailwind CSS and Node.js to build a scalable and efficient fullstack application.
- Developed two separate web applications for client-facing and administrative purposes.

New Lanka Gold House - E Commerce Platform Website   *Link*

- Allowing users to browse, filter and purchase jewelry online. Next.js and Tailwind CSS for the front end and Node.js for the backend.
- Contributed as a Software Engineer Intern to developing New Lanka Gold House web pages.
- Developed two separate web applications for client-facing and administrative purposes.

Kensington - Website for apartments and houses for sale or rent   *Link*

- The platform provides detailed property listings, service descriptions, a blog and a contact system. Using Next.js and Tailwind CSS.
- Developed two separate web applications for client-facing and administrative purposes.
- Implemented front end components and focusing on responsive UI.

Expense Master Application

- This Flutter App have a expence tracking, Data Visualization using pie chart, Form validation. - Flutter.

SKILLS & INTERESTS

- **Technical Skills:** *Frontend* - ReactJS, Next.js, Tailwind CSS, JavaScript, HTML, CSS │ *Database Management* - MongoDB, Firebase │ *Version Control & CI/CD* - Git, GitHub │ *UI/UX* - Figma, VS Code │ *Project Management* - ClickUp, Slack, Agile & Scrum

- **Soft Skills:** Leadership & Team Coordination, Report Writing & Documentation, Communication & Interpersonal Skills, Critical Thinking & Problem Solving, Time Management & Multitasking.

- **Interests:** Full Stack Development, Mobile Application Development, Web Design, Quality Assurance, Machine Learning, Artificial Intelligence, Auto Mobile