

SHWE WIN AUNG

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SUMMARY

Full Stack Developer proficient in React.js, TypeScript, Node.js, REST APIs, and Agile delivery. Built and deployed scalable, full stack web applications across freelance, team, and hackathon environments.

SKILLS

Hard Skills:	React.js, Next.js, Node.js, Express.js, FastAPI, TypeScript, JavaScript (ES6+), Python, R, HTML5, CSS3, SASS, Tailwind CSS, REST APIs, GraphQL, MySQL, PostgreSQL, MongoDB, VectorDB, AWS, Docker, Kubernetes, Git, GitHub Actions, CI/CD, Vite, Cloudinary, OCR, NLP, Pandas, Power BI, Tableau
Soft Skills:	Cross-Functional Collaboration, Client Communication, Agile, Scrum, Problem-Solving, System Design, Technical Presentation
Tech Skills:	Responsive Web Design, UI/UX Design, Component-Based Architecture, Microservices, Performance Optimization, Unit Testing, Cross-Browser Testing, Query Optimization, Data Visualization

WORK EXPERIENCE

Building Materials Website — Freelance Full Stack Developer

November 2025 – January 2026

Punjab, India

- Architected and launched a responsive multilingual React.js and TypeScript web application supporting Myanmar, English, and Chinese via ES6+ i18n modules, expanding user reach by 40%.
- Developed a scalable UI component library using Tailwind CSS and reusable React components, reducing UI redundancy by 30% and page load time by 35% via Cloudinary REST API integration.
- Delivered full cross-device compatibility across mobile, tablet, and desktop through responsive web design, increasing usability by 25%.
- Translated client requirements into production-ready features through iterative, feedback-driven development cycles, reducing rework time by 30%.

AI Trip Planner — Full Stack Developer (Team Project)

January 2025 – March 2025

Punjab, India

- Architected and co-developed an AI-powered trip planning application serving 100+ test users, generating personalized itineraries from destination, budget, dates, and group size inputs.
- Engineered 10+ RESTful API endpoints using Node.js for itinerary generation, user authentication, and travel recommendations, reducing API response time by 30%.
- Built responsive UI components using React.js, TypeScript, and Tailwind CSS with geolocation-based mapping, delivering a working prototype within a 4-week cycle across 9 developers.

React E-Commerce Application — Full Stack Developer

August 2024 – September 2024

Punjab, India

- Developed a full stack mobile-first e-commerce app in React.js, TypeScript, and Tailwind CSS, supporting 50+ product listings across 8 categories with a 30% reduction in cross-device layout defects.
- Implemented ES6+ features — async/await, destructuring, modular imports — improving maintainability and cutting debugging time by 20% across a 15+ component codebase.
- Accelerated page load time by 25% through lazy loading and efficient component rendering, achieving a 90+ Lighthouse performance score.

Solid Waste Management Platform — Full Stack Developer

October 2023 – November 2023

Punjab, India

- Engineered a full-stack waste management web platform using JavaScript (ES6+), HTML5, CSS3, SASS, and Bootstrap across 5 core modules, achieving a 30% improvement in cross-browser compatibility.
- Designed a modular CSS architecture tested across 4 major browsers (Chrome, Firefox, Safari, Edge), eliminating critical rendering inconsistencies and reducing QA time by 20%.
- Delivered a maintainable, component-based codebase of 12+ reusable modules, reducing estimated future feature development time by 25%.

Smart India Hackathon (SIH) 2025 — Grand Finale Qualifier

September 2025 – December 2025

Kochi Metro Rail Limited (KMRL), Kochi, India

- Led React.js, TypeScript, and Vite frontend development for an AI-powered government document intelligence system, improving task efficiency by 35% among 100+ evaluators.
- Designed RESTful API architecture and end-to-end data flow supporting real-time scalable document search and analysis for a national government client.
- Structured OCR and NLP datasets in Python, improving data readiness by 30%, and optimized AWS ElastiCache caching to achieve 90% positive user feedback.

ByteBash Hackathon — 1st Runner-Up

March 2024 – March 2024

Lovely Professional University, Punjab, India

- Secured 2nd place among 150+ teams in a 36-hour national-level hackathon, advancing from Top 11 to Top 3 to Final Top 2 based on UI design, system architecture, and pitching.
- Built an AI-driven food platform delivering personalized meal recommendations based on weather, mood, and health inputs, improving recommendation relevance by 30%.
- Delivered end-to-end product features including food ordering, recipe discovery, seller storefronts, and online cooking courses within the 36-hour hackathon timeframe.

EDUCATION

Bachelor of Science in Information Technology

August 2023 – May 2026

Lovely Professional University | Punjab, India

Bachelor of Arts in English

June 2022 – May 2023

Yadanabon University | Mandalay, Myanmar