

# Shamandeep Kaur

## Full Stack Developer MERN

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## EXPERIENCE

### DevexHub Pvt Ltd

Feb 2024 - Present

MERN-Full stack developer

- Built multiple full-stack and frontend projects end-to-end using **React.js**, **Node.js**, **AngularJS**, **MongoDB**, **SQL** and third-party integrations.
- Specialized in building robust APIs, **optimizing performance**, **solving complex production issues**, and improving **UI/UX** for large-scale client applications.
- Worked independently on AI-driven modules, **SaaS**-style admin dashboards, franchisee systems, and multi-provider integration platforms.
- Delivered complete features across design → development → testing → deployment.

#### Key Projects

**Humanswitch.ai** (React • Flask • MongoDB) AI-powered role-based web app

- Built the entire **frontend + backend** from scratch with secure auth, role-based routing.
- Designed availability, holidays, quotes, reports & invite workflows with efficient database schemas.
- Created dynamic PDF generation, Excel export, Dutch translations, UI improvements and **bug fixes**.
- Delivered **strong UI/UX**: **React Hook Form** validation, dynamic PDF generation, Excel export, Dutch translations, improved performance, and bug-free stable flows end-to-end.

**AI WhatsApp Bot** — (React.js, Integrated with Python Backend)

- Enhanced and expanded an existing WhatsApp AI Bot system by implementing **topics**, **modules**, **course descriptions**, **media uploads**, reorder flows, and performance-driven UI improvements.
- Strengthened end-to-end functionality across frontend + backend: **API integrations**, **CRUD stability**, **drag-and-drop ordering**, **S3 uploads**, and **admin/UI workflows**.
- Resolved major backend bugs, fixed migrations, improved DB consistency, and ensured reliable topic/module/course creation flows.
- Enhanced the voice assistant by sending class, curriculum and subject context with every request for better AI responses.
- Delivered polished UI/UX upgrades, debugging support, and full testing of workflows across content management and dashboard modules.

**PD Truck Rental** - ( Node.js, SQL)

- Fixed core rental issues: resolved rental submission failures, corrected truck availability mismatches, and added error handling on the payment page so users see clear messages instead of an endless spinner.
- Created new franchisee setup and affiliate components , ensured UI and admin components match, and fixed address saving/display problems.
- Optimized key backend APIs** (approve order, extend rental): added transactions, centralized PDF creation/upload, cleaned duplicate logic, and improved error handling and performance.
- Simplified location flow (city & state only) and wired geocoding for coordinates, cleaned frontend/backend code, fixed dropdowns and **UI bugs**, and completed end-to-end testing for rental workflows.

### Alphanumeric Ideas

Aug 2023 - Feb 2024

web development Intern

Project - <https://www.agarwalpacker.com/>

- Built and designed multiple responsive web pages using HTML, CSS, and JavaScript for the company's main site.
- Improved page layouts, navigation, and user experience to match the brand's design guidelines.
- Developed reusable UI components**, **optimized page structure**, and **ensured cross-browser compatibility**.
- Collaborated with the senior development team to implement changes, fix UI bugs, and maintain consistent styling across all pages.

## TECHNICAL SKILLS

**Frontend:** React.js, JavaScript, HTML5, CSS3, Tailwind CSS, Redux, REST API Integration

**Backend:** Node.js, Express.js, RESTful API Development, SQL (MySQL / PostgreSQL)

**Version Control:** Git

## EDUCATION

**Punjabi University**  
Bachelor Of Technology

Patiala