M AWAIS ASAD

Senior Full-Stack Engineer | Laravel, Vue.js, Node.js, AI-Powered Systems

awaisasad20@gmail.com

+92-332-4255688

Building 88, Sector C, Askari XI, Lahore, Pakistan.

https://awais-asad-hsol.github.io/portfolio

https://www.linkedin.com/in/awais-asad

https://github.com/awais-asad-hsol

PROFILE SUMMARY

I am a full-stack software engineer with 6+ years of experience building scalable and secure web applications across diverse domains. I focus on backend-centric systems complemented by modern frontend architectures to deliver reliable and user-friendly products.

My experience includes API design, authentication and authorization systems (including SSO), and full-stack development using contemporary tools and best practices. In recent projects, I have worked extensively with Vue.js and Inertia.js to deliver seamless SPA-like experiences on top of Laravel, while also adopting other modern full-stack technologies to build performant, production-ready applications.

I also have hands-on experience integrating AI-powered features such as chatbots, automation workflows, and AI agents, and I continuously apply current engineering practices to build future-ready software solutions.

TECHNICAL SKILLS

Backend & APIs

- Laravel
- Node.js (Express)
- REST APIs, OAuth2, JWT
- Passport, Sanctum

Frontend & SPA Development

- Vue.js, Inertia.js
- Component-based architecture
- State management, SPA patterns
- Bootstrap, Alpine.js, Filament

Databases & ORMs

- MySQL
- Sequelize
- Redis

Testing & Code Quality

- PHPUnit
- PestPHP
- Laravel Dusk
- PHPStan
- Larastan
- Laravel Pint

Queues, Monitoring & DevOps

- Laravel Horizon, Telescope, Pulse
- Background jobs & async processing
- Docker
- Git / GitHub

AI & Automation

- AI chatbots & assistants
- AI automation workflows
- AI agents via API integrations

WORK EXPERIENCE

Sr Software Engineer | HeuristicSol Pvt Ltd   *Aug 2022 - Present*

- Designed and implemented a complete Single Sign-On (SSO) platform supporting multiple portals, including secure authentication, authorization, and centralized access control.
- Built and maintained admin and management portals to manage users, roles, permissions, configurations, and platform operations.
- Implemented multi-factor authentication (MFA) and advanced security mechanisms to enhance system protection and compliance.
- Developed and exposed RESTful APIs to enable seamless integration between internal services and external portals.
- Integrated Laravel Horizon to manage queues and background jobs, improving performance, reliability, and observability of asynchronous processes.
- Leading the development of Version 2 of the platform, modernizing existing portals using a latest full-stack setup (Laravel, Vue.js, and Inertia.js) to improve scalability, maintainability, and user experience.

Team Lead | TechOrix Pvt Ltd   *Feb 2021 - Aug 2022*

- Developed Car Booking Product from scratch by using Laravel Framework and MYSQL Database.
- Managed other products like POS, RMS etc.
- Integrated various third party API's like Google Map, Payment Gateways etc.
- Used modern technologies and programming languages.
- Collaborated with team members and clients to achieve target results.
- Maintained excellent attendance record, consistently arriving to work on time.
- Increased customer satisfaction by resolving issues.
- Participated in team-building activities to enhance working relationships.
- Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.

MST Developer | Full Stack Developer
                                                                                Jun 2019 - Jan 2021

- Defined and maintained databases to deliver responsiveness to data client requests.
- Built APIs and Projects from scratch.
- Collaborated with multidisciplinary team of designers, developers and system administrators.
- Integrated front-end elements into applications.
- Created enhancements to resolve client problems and meet operational standards.

Vroozi INC | Full Stack Developer Intern   *Mar 2019 - May 2019*

- Assisted project manager to prepare implementation plan from technical perspective.
- Adapted and understood Agile and Scrum methodologies.
- Wrote high-quality code to. meet customer requirements.
- Designed, developed and tested software applications.

PROJECTS

- https://one-constellation.com
- https://eight-tones.store
- https://shoeinventory.net/public
- https://sarwantrader.com
- https://geopakintlhospital.com
- https://voltspeak.com
- https://mgmt.sso.one-constellation.com
- https://admin.sso.one-constellation.com
- https://auth.sso.one-constellation.com
- https://jobs.one-constellation.com

ACADEMICS

Bachelor's Degree | Computer Science   *2014 - 2018*

University of the Punjab

Intermediate | Pre-Engineering   *2012 - 2014*

Punjab College, Lahore

Matriculation | Computer Science   *2010 - 2012*

Jinnah Grammar School, Lahore

LANGUAGES

- English (Conversational)
- Urdu (Native)