

Ahsan Khan

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SUMMARY

Results-driven Full Stack Engineer with a proven track record in fintech application development, specializing in secure programming practices, cloud architectures, and high-performance systems. Proficient in React.js, Next.js, Redux, Laravel, Node.js, Python, and cloud platforms like AWS & Docker. Adept at building scalable APIs, optimizing SEO and web performance, and implementing OWASP Top 10 & PCI DSS security standards. Successfully automated fintech fraud detection, reducing manual case handling by 60%, and optimized backend services to improve transaction speeds by 30%. Passionate about delivering seamless user experiences while leading development teams in fast-paced environments.

TECHNICAL SKILLS

Languages: PHP, JavaScript, Typescript, Python, HTML/CSS, MongoDB, MySQL, Firebase

Frameworks: React, Next.js, Typescript, Laravel, Yii2, Tailwindcss, Node.js, Express, Jest, WordPress, PWA

Developer Tools: Linux Administration, Git, Docker, OpenAI, Swagger, AWS, VS Code, Jira, CI/CD

Libraries: Formik, yup, Redux-Toolkit, Material-UI, Aceternity UI, shadcn, Ant Design, JQuery, Bootstrap

EXPERIENCE

Senior Software Engineer (Assistant Manager)

August 2021 – Present

Nayapay (Lakson Business Group)

Karachi, Pk

- Automate the process of onboarding of Nayapay Consumers and merchant by crafting an API Server utilizing my server knowledge of Linux Administration and PHP Frameworks such as Laravel, Yii2 and JavaScript frameworks like React to increase Productivity by 80%
- Led a team in designing, developing, and maintaining Admin Portals, Websites, Merchant Portals, Web API Servers, and Attachment Servers.
- Developed secure, scalable, and high-performance applications using React, Next.js, Redux, Laravel, and PHP.
- Implemented secure programming practices, mitigating risks like SQL injection, XSS, CSRF, and ensuring PCI DSS compliance in fintech applications.
- Automated fraud detection and case registration against regulatory agencies (FIA, MI, Cyber Crime Wing)
- Improved SEO and page speed performance of the Nayapay website, leading to increased user engagement.
- Implemented Secure Coding Practices by mitigating OWASP Top 10 vulnerabilities, ensuring PCI DSS compliance for fintech applications, securing authentication and authorization mechanisms, encrypting sensitive data, preventing injection attacks (SQLi, XSS, CSRF), and enforcing role-based access control (RBAC) to safeguard user data and transactions.

Senior Software Engineer

April 2024 – August 2024

Carpe Diem (Part-time Remote)

Karachi, Pk

- Developed and maintained CRM and banking portals for Lendotics, an Australian fintech company, ensuring seamless user experience and secure transactions.
- Designed and optimized relational database structures using MySQL, leveraging Eloquent ORM and Repository patterns to enhance scalability and maintainability.
- Built and integrated RESTful APIs for mobile and web applications, ensuring efficient data exchange, authentication, and security compliance.
- Implemented AWS S3 storage solutions for secure file management and integrated Twilio services for real-time communication and notifications.

Software Engineer

March 2021 – August 2021

Legend Desk

Karachi, Pk

- Developed full-stack applications and Built RESTful APIs for mobile and web applications using Laravel, delivering scalable and high-performance web solutions
- Designed and optimized MySQL databases, implementing Eloquent ORM and Repository patterns to improve maintainability and performance.
- Collaborated with cross-functional teams, including designers and backend engineers, to deliver projects on time and aligned with business goals.
- Created interactive dashboards for data visualization, leveraging modern libraries and frameworks to enhance user insights.

- Led the development of various projects, including a dynamic checklist structure for fitness training, a social media admin dashboard, and a patient care application API.

Junior PHP Developer

January 2020 – February 2021

BMSAS Technologies

Karachi, Pk

- Developed and maintained WordPress and PHP-based websites, ensuring seamless performance and user experience.
- Built a multi-vendor eCommerce marketplace, implementing scalable architecture and secure payment integrations.
- Deployed, tested, and maintained code using CI/CD pipelines to streamline development and release processes.
- Developed a custom WordPress plugin for Canada Real Estate, enhancing property listings and search functionalities.

PROJECTS

Lendotics CRM | *Laravel, MySQL, AWS, REST API*

- Developed and maintained a CRM system for an American fintech company, ensuring seamless data management and financial tracking.

Nayapay Admin Portal | *Laravel, React, Redux, Typescript, Tailwind, Material UI, MongoDB, AWS*

- Developed an admin portal for Nayapay, optimizing data handling, reporting, and fintech operations.

Ecommerce API | *Node.js, Express, MySQL, MongoDB*

- Built a scalable multi-vendor eCommerce backend, enabling vendors to manage their stores and transactions.

Nayapay Website | *React, Next.js, Tailwind, SEO Optimization*

- Revamped the website for enhanced performance, SEO, and responsive UI.

Merchant Arc | *React, Laravel, Typescript, Redux, Aceternity UI, Material UI*

- Developed an end-to-end merchant onboarding and management system for fintech businesses.

Schef Dashboard | *React, Redux, Laravel, PostgreSQL*

- Designed a data-driven dashboard for a food service platform, optimizing order tracking and analytics.

Social Media Dating Application | *React, Laravel, Firebase*

- Built an admin dashboard for social media management, including user analytics and moderation tools.

Healing Application | *Node.js, Express, MongoDB, JWT, React, Laravel*

- Built a healthcare API to manage patient data, appointments, and real-time monitoring.

EDUCATION

University of Karachi

Karachi, Pakistan

Bachelor of Science in Computer Science (BSCS)

2016 – 2019

Govt. Degree College

Karachi, Pakistan

Intermediate - FSC

2013 – 2015