Ali Hussnain

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SUMMARY

Trustworthy Software Engineer with 3+ years of practical experience and dedicated work ethic. Self-motivated to consistently provide first-class results in line with stringent targets and deadlines. Aiming to influence product architecture, mentor upcoming developers, and continue pushing the boundaries of web development. Committed to staying current with industry trends and best practices, always seeking opportunities to apply new technologies to solve real-world problems.

EXPERIENCE

Dataspecc - **Full-stack Developer**
Islāmābād, Pakistan
01/2024 - Current

- Developed and maintained full-stack web applications using JavaScript, React, and Node.js, enhancing user experience and functionality.
- Integrated content publishing APIs for various social media platforms including Facebook, Instagram, Linkedin Community Management, Tiktok, Youtube, and Twitter as part of the Brandsocial AI project.
- Managed version control using Git, facilitating team collaboration and ensuring efficient tracking of project progress.
- Designed and implemented RESTful APIs, enabling effective communication between front-end and back-end systems.
- Established comprehensive logging and monitoring systems, enabling proactive identification and resolution of issues affecting system performance.
- Engaged in code reviews to maintain high standards of code quality, fostering a culture of excellence and mutual accountability.
- Wrote and defined clean codes to achieve functional and sustainable web applications.

Mi6 (Machine Intelligence 6) - **Team Lead | Fullstack Developer**
Islamabad, Pakistan, Islāmābād
04/2023 - 01/2024

- Led a team of 10+ members, driving project completion within strict deadlines and quality standards.
- Managed project timelines and delegated tasks effectively, ensuring timely completion of objectives.
- Developed and maintained comprehensive project documentation, including reports, proposals, and presentations.
- Promoted a culture of innovation within the team, encouraging the exploration of new ideas and techniques.
- Reviewed and approved team deliverables, upholding high standards of quality and accuracy.

SKILLS

- Javascript/Typescript
- Nodejs
- Nestjs
- Next.js
- React
- Tailwind CSS
- Python
- Fast API
- PostgreSQL
- Supabase
- AWS
- Google Cloud
- Docker
- Continuous Integration (CI)
- Leadership
- Project Management

EDUCATION

2026
Virtual University
Islamabad, Pakistan

Bachelor of Science: Computer Science

SIDE PROJECTS

1. Express Zod OAS -
https://npmjs.com/package/express-zod-oas
Developed an Express.js wrapper library that integrates Zod for request validation and automates OpenAPI documentation generation. This toolkit significantly enhances API development workflow by combining Express's flexibility, Zod's type safety, and OpenAPI's standardization.
Key features and capabilities:
- Seamless integration of Express.js, Zod, and OpenAPI
- Automatic request validation for body, params, and query

- Managed operations efficiently and effectively, verifying customers received exceptional service.
- Managed conflict resolution within the team, promoting a positive and productive work environment.

Mi6 (Machine Intelligence 6) - **Web Developer**
Islāmābād, Pakistan
01/2023 - 03/2023

- Built reusable code to utilise for other projects and to minimise costs.
- Handled special projects designated by senior developer.
- Optimised website loading times by compressing images and minimising code, enhancing user satisfaction.
- Developed and maintained responsive website designs, improving user experience across various devices.
- Participated in code reviews, contributing to the improvement of project quality and team standards.
- Created innovative websites with animations, audio and video displays.

Aura Grande - **Software Developer**
Islāmābād, Pakistan
07/2021 - 12/2022

AKSA-SDS - **Frontend Developer**
Islamabad, Pakistan
01/2021 - 07/2021

- Designed and implemented website interface for mobile, desktop and tablets.
- Proficient in JavaScript frameworks React and Nextjs.
- Coordinated closely with graphic designers to translate visual concepts into functional website elements.
- Utilised React framework to build dynamic and interactive web applications, improving site performance.

PROJECTS

1. Brandsocial AI - *https://brandsocial.ai*
An AI-powered social media management platform:
- Implemented AI-driven content calendar generation for monthly/weekly planning
- Created a post composer with AI-generated captions and ideas
- Integrated image and video generation capabilities
- Built multi-platform scheduling and publishing functionality
- Developed brand customization features and cross-platform analytics dashboard
- Streamlined workflow with draft, immediate post, and scheduling options
- Developed powerful image & video editor for post media editing

2. Mirroor AI - *https://mirroor.io*

- On-the-fly OpenAPI (v3.1) specification generation
- Built-in documentation UI options (Scalar and Redoc)
- TypeScript support for enhanced developer experience
- Simplified API for defining routes with OpenAPI metadata
- Automated mock example generation for request/response schemas
- Easy-to-use Router class for modular route handling

LANGUAGES

Urdu: First Language

English: C2
Proficient

WEBSITES, PORTFOLIOS AND PROFILES

- https://alihussnainrb.vercel.app
- https://github.com/alihussnainrb
- https://linkedin.com/in/alihussnainrb

HOBBIES AND INTERESTS

- Coding
- Problem Solving
- Football
- Gaming
- AI/ML

A platform for AI-powered health and emotion analysis:
- Implemented user-friendly audio recording functionality
- Integrated third-party speech-to-text API for accurate transcription
- Utilized pre-trained AI models for emotion detection and analysis
- Designed system to process transcribed text for health insights
- Created intuitive interface for recording and displaying analysis results
- Engineered seamless data flow between recording, transcription, and AI analysis components

3. Hidden Sword - *https://apocryphalwritings.org*

A comprehensive Bible reading and study platform:

Admin Portal:
- Implemented user and admin management system
- Created content management for books, chapters, and verses
- Developed logging system for all user activities
- Designed undo functionality for administrative actions
- Integrated blog and about page content management

User Portal:
- Engineered intuitive navigation through books, chapters, and verses
- Implemented verse bookmarking with quick access feature
- Developed text highlighting functionality with user-specific saves
- Created note-taking system linked to individual verses
- Designed responsive layout for home, about, and blog pages

Additional Features:
- Ensured data synchronization between admin and user portals
- Implemented secure authentication and authorization systems
- Optimized database queries for efficient content retrieval

4. Zian AI - *https://use.zian.ai*

5. Kraut9 - *https://kraut9.mi6.global*