Hassan Sajjad

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Summary

As a highly motivated and tech-savvy full stack engineer, I possess a passion for problem-solving and a deep understanding of modern web development trends and technologies. With extensive experience in agile development environments, I excel at collaborating with cross-functional teams, managing tasks and timelines, and effectively communicating with stakeholders. I bring a track record of building robust, scalable, and user-centric solutions. From crafting elegant front-end experiences with React.js to architecting efficient server-side applications in Ruby on Rails and Node.js, I thrive on turning complex ideas into reality.

My expertise in cloud technologies, containerization, and DevOps practices ensures seamless deployment and performance optimization. I am constantly driven to learn and stay up to date on emerging technologies, which is evident in my proficiency in various front-end and back-end technologies. I am constantly driven to learn and stay up to date on emerging technologies, which is evident in my proficiency in various front-end and back-end technologies.

- **Front-End:** Angular, React, Next.js, Vue(Tailwind, Chakra UI, Bootstrap, Material UI, etc.)
- **Back-End:** Django, Node.js, Flask, Nest.js, Python, Go
- **Tools:** Git, Docker, RESTful APIs, SOAP, Web Sockets, Graphql, Fast API, Prisma, Postman, Figma
- **Cloud:** Proficient in AWS, GCP, and Azure for cloud-based application deployment, scaling, and maintenance
- **Databases:** PostgreSQL, MySQL, MongoDB, AWSRDS, Firebase, Redis, S3, TYPEORM, etc.
- **Project Management:** QuickBooks, Atlassian Suite, Bitbucket, GitLab, Asana, Click-up, etc.
- **Cross-Platform Development:** Skilled in using technologies like Rust, Go, and Python for cross-platform application development.
- **Container Orchestration:** Basic understanding of Kubernetes for container orchestration.
- **Agile Development:** Experienced in Agile methodologies, ensuring rapid and efficient project delivery.

Education

- **Bachelor of Science in Software Engineering (BSSE) –** Foundation University, Islamabad

Experience

- **Senior Software Engineer**
  Triflux Private Limited   Jan 2024 – Present

  - Consistently delivered five-star rated projects, demonstrating mastery of front-end technologies including React.js and Next.js, and cloud platforms like AWS.
  - Architected a comprehensive admin dashboard using React.js and Next.js, empowering users with seamless team and subscription management.
  - Led development on an education-focused project, integrating diverse APIs and databases to enhance data visualization and reporting, resulting in an exceptional user experience.
  - Collaborated effectively within agile development environments, ensuring timely and high-quality project delivery with cross-functional teams.
  - Developed a robust admin dashboard with React.js and Next.js, providing advanced user management capabilities and demonstrating strong front-end development skills.
  - Skillfully integrated multiple APIs and databases into an education-centric project, leveraging React.js to optimize data visualization and reporting, significantly improving user engagement.
  - Worked closely with designers, developers, and project managers in agile environments, efficiently achieving project objectives and fostering effective collaboration.

- **Associate Software Engineer**
  CyberSoft Vantage – CSV   Jan 2023 – Dec 2023 (1 year)

  - Created website layouts and user interfaces using HTML, CSS, SCSS, Bootstrap, Tailwind, Styled Components, Material UI, Semantic UI, Ant designs.
  - Utilized Git for version control, ensuring that changes are tracked and reviewed using Bitbucket.
  - Managed project tasks and timelines using Asana and Click Up, collaborating with cross-functional teams to deliver features and enhancements in an agile development environment.
  - Implemented MERN stack (MongoDB, Express.Js, React/Next, NodeJS/Next.Js) and used PostgreSQL with TypeORM and Prisma.
  - Developed a single-page application (SPA) using React framework and utilized Redux, React Hooks, and Context API for state management.
  - Conducted unit tests for the application using Jest and got familiarized with the application's CI/CD pipeline using CircleCI and Jenkins.
  - Managed code with different version-control systems such as GitHub, Gitlab, and Bitbucket.
  - Integrated data from various back-end services and databases and designed REST calls to improve user interface performance.
  - Introduced agile methodologies and development best practices to the division to enhance product development.

- Developed web platform backends using NodeJS and Django frameworks and authored code in Python and JavaScript within the Django framework.
- Built APIs and data clients to consume APIs and worked with back-end developers to design APIs.
- Utilized NodeJS, ORM, and SQL/No-SQL to develop and manage databases.

- **Full Stack Engineer**
Triomatic Solutions   Apr 2021 – Mar 2023 (2 year remote)

- Developed a fully functional admin dashboard using Next.js and React.js, which improved data visualization and reporting capabilities.
- Integrated OCR functionalities into the platform using FLASK APIs, which allowed users to extract text from images and PDFs.
- Hosted the platform on AWS, leveraging EC2 instances, S3 buckets, and RDS instances, to ensure high availability, scalability, and security of the application.
- Utilized PostgreSQL to store and manage data, ensuring data consistency and integrity throughout the platform.
- Implemented containerization using Docker, which simplified deployment and ensured consistency across various environments.
- Conducted load testing and performance optimization to ensure that the platform met the desired response times and could handle concurrent users.
- Collaborated with a cross-functional team of developers, designers, and project managers to deliver features and enhancements in an agile development environment.
- Implemented version control using Git, enabling easy tracking of changes and collaboration with team members.
- Provided technical guidance and mentorship to junior team members, sharing best practices, and promoting knowledge sharing.
- Maintained up-to-date knowledge of industry trends and emerging technologies, continually looking for ways to improve the platform and the development process.

- **Trainee**
Synergy-IT   Oct 2022 – Feb 2023

- Completed a rigorous 6-month bootcamp specializing in C#, .NET, Entity Framework, and LINQ, gaining a comprehensive understanding of the .NET ecosystem.
- Mastered C# programming language fundamentals and advanced concepts, building a solid foundation for .NET application development.
- Developed robust and efficient applications utilizing the .NET framework, demonstrating proficiency in building scalable solutions.
- Acquired in-depth knowledge of Entity Framework for data access and manipulation, enabling streamlined database interactions within applications.

- Gained expertise in LINQ (Language Integrated Query), crafting powerful and expressive queries for efficient data retrieval and management.
- Enhanced problem-solving and software development skills through intensive practical exercises and real-world project simulations, preparing for professional software development roles.
- Demonstrated proficiency in creating database driven applications, using .NET, Entity Framework, and C#.

- Development Intern
Luqon IT Solutions and Marketing   May 2022 – Dec 2022

- Developing and redesigning applications frontend in Bootstrap with material design
- Develop responsive UIs for Desktop, Tablet, and Phone.
- Ensuring high performance UI on mobile and desktop.
- Coordinating with the back-end developers in the process of building the RESTful API.
- Writing code to communicate with external Web Services (Web API).
- Coding tested, idiomatic, and documented JavaScript, HTML, and CSS.
  Writing and debugging code that will work across different browsers.

- Engineering Intern
British Council   May 2019 – Sep 2019

- Full Stack Developer
Upwork   Sep 2022 – Present

- Successfully completed four projects with a five-star rating, demonstrating proficiency in front-end technologies such as React.js, Next.js, and AWS.
- Developed a fully functional admin dashboard using React.js and Next.js, allowing users to browse and manage team members and subscriptions.
- Worked on an education-based project that integrated with multiple APIs and databases, leveraging React.js to provide a seamless user experience and improve data visualization and reporting capabilities.
- Collaborated with cross-functional teams of designers, developers, and project managers to deliver projects in an agile development environment.

Projects

- **All of Us Research Program (NIH), Netherland**
  Full Stack Developer | July 2022 - December 2022
  React | Node | JavaScript | Material UI | Okta (O-Auth) | Tailwind | PostgreSQL

- **Athena 2.0 Collins Aerospace (Power and Controls), USA**
  Full Stack Developer | Jun 2023 – Dec 2023
  ReactJS | Redux | TypeScript | Tailwind | Rest API | Node | PostgreSQL | Knex | Git | CI/CD | AWS | Bit-Bucket

- **RTA Hazard Detection System Aerospace (Power and Controls), USA**
  Senior Software Engineer | Jan 2024 – Dec 2024
  ReactJS | Redux | TypeScript | Tailwind | Rest API | Node | PostgreSQL | Knex | Git | CI/CD | AWS | Bit-Bucket

- **IntegriChain, USA**
  Senior Software Engineer | Jan 2025 – Sep 2025
  Angular | Python | Celery | AWS | Rest API | PostgreSQL | Git | CI/CD

- **Clariata (Navigating Life), USA**
  Front End Developer | January 2022 – June 2023
  NextJS | Easy peasy | TypeScript | Material UI | .Net | AWS | GitHub

- **Gemini Energy Solutions, Australia**
  Front End Developer | January 2023 – April 2023
  Angular | NgRx | TypeScript | Python | AWS | Bit-Bucket

- **Further Enterprise Solutions (LLC), USA**
  Front End Developer | Nov 2022 - Jan2023
  React | Node | JavaScript | Material UI | Okta (O-Auth) | Tailwind | PostgreSQL.

- **Proto Genix, Pakistan**
  Full Stack Developer | July 2022 - Aug 2022
  ReactJS | Redux | Tailwind | Graph-ql | Node
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- **Ed Fry, Pakistan**
  Full Stack Developer | Jun 2023 – Aug 2023
  ReactJS | Redux | Tailwind | Rest API | Node | Type-ORM | PostgreSQL | Knex | Git | CI/CD

Licenses & Certifications

- **Cisco Certified Network Associate Routing and Switching (CCNA**) – Huawei
  https://www.dropbox.com/s/nzkpj2u15ml5n1w/Huawei%20Certificate.pdf?dl=0

- **SAP Certified Associate - Design Thinking** - Hewlett Packard Enterprise
  https://www.life-global.org/certificate/964f8814-4a14-4267-b66c-e0108233ac78

- **MongoDB Certified DBA Associate (C100DBA)** - Udemy
  https://verify.mygreatlearning.com/verify/RYTXQQPC

- **Azure Machine Learning (KZYGUOYD)** - Hewlett Packard Enterprise
  https://verify.mygreatlearning.com/verify/KZYGUOYD