



CONTACTS

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SKILLS & SPECIALITIES

Tools & Frameworks

NodeJS · ExpressJS · React.JS · NextJS ·
NestJS · Remix.js · Angular.js · Vue.js ·
Backbone.js · Gen AI · Long Chain · LLM ·
NLP · Agent · React Native · Heroku ·
MongoDB/Postgres/MySQL ·
Amazon Web Services (AWS ECS) ·
JavaScript/TypeScript/ ES6+ · CI/CD ·
Google Cloud Platform (GCP) · GitLab ·
Kubernetes · Dockers · GRPC · GitHub ·
GitHub actions · Database Design ·
Backend services · RESTful services

State Management Tools

Redux · GraphQL · Rest API · RESTful API ·
Terraform · Bitbucket · Apache Kafka

UI Libraries

Bootstrap · Material UI · Ant Design ·
Tailwind CSS · HTML5 · CSS3 · SASS/ LESS ·
Responsive web design

Unit/automated testing

JEST · ENZYMES · MOCHA · CYPRESS

EDUCATION

Virtual University

BS in Computer Science
09/2014 - 10/2018

NAYAB IFTIKHAR

FULL STACK SOFTWARE ENGINEER

SUMMARY

Experienced Fullstack Software Engineer with over 6+ years of expertise in designing and developing scalable web applications. Proficient in various technologies and tools for both front-end and back-end. Strong background in technical leadership, mentoring, design patterns, and agile methodologies. Profoundly skilled in diverse technologies and Android/iOS development tools. Strong communication, problem-solving, project ownership, and planning skills, with ability to work independently or in a team environment.

EXPERIENCE

TheCodeGenix

08/2022 - Present

Full Stack Engineer - Team Lead

- Developed scalable solutions and optimized performance by leveraging the MERN (MongoDB, Express.js, React, Node.js) stack.
- Streamlined back-end infrastructure with Node.js, leading to reduced loading times and improved system efficiency.
- Developed and maintained RESTful APIs and RESTful Web Services using Node.JS, VueJS and Express.js, ensuring efficient communication between frontend and back-end.
- Enhanced database design, achieving 50% faster queries and increased data reliability using both SQL and NoSQL databases (e.g., MongoDB, PostgreSQL).
- Collaborated seamlessly with cross-functional teams, communicating and managing projects for the successful delivery of MERN Stack-based web applications.
- Utilized a wide range of technologies, including AWS, Docker, Git/GitHub for code version control, and Test-Driven Development (TDD) methodologies to develop scalable web solutions.
- Optimized an integrated system combining GPT, LLMS, LangChain, and Pinecone with a serverless AWS Lambda framework, aligning with enterprise-grade performance and cost-effectiveness
- Contributed to NLP system development, resulting in a 15% increase in customer satisfaction scores

Sphere software Labs

10/2020 - 06/2022

Senior Software Engineer

- Led the migration of legacy applications to modern technology stacks, improving performance by up to 30%, reliability, and maintainability.
- Executed robust authentication and authorization mechanisms using OAuth 2.0 and JSON Web Tokens (JWT) to ensure secure user access and data protection/ data privacy.
- Migrated legacy systems to a modern tech stack, achieving a 40% performance improvement and reducing maintenance costs by 30%.
- Utilized SQL (PostgreSQL), NUnit, JUnit and NoSQL databases (Mongo DB) relational databases for efficient data storage and retrieval.
- Conducted performance profiling and performance optimization to identify and resolve bottlenecks within the application stack.
- Led the Medical Claim Automation project by integrating NLP and deep learning techniques to enhance efficiency and reduce claims rejection rates
- Integrated ML models with cloud-based analytics, enabling real-time insights

EXPERIENCE

Agile17

05/2019 - 10/2020

Software Engineer

- Developed fix and maintained various frontend features using HTML/CSS, JavaScript, React JS, AngularJS, jQuery, and Git version control delivering an intuitive user interface and a seamless user debugging experience.
- Collaborative closely with the UI/UX design team to translate wireframes and mockups into functional, visually appealing frontend UI components.
- Incorporated third-party APIs and services, such as payment gateways and document signing services, to enrich the platform's functionality and user workflow.
- Applied modern frontend frameworks and libraries such as React/Redux to create interactive and user-friendly interfaces.
- Created Server-side rendering website optimized for SEO using Express, Handlebars and MongoDB/Mongoose ORM.
- Automated LLM evaluation and monitoring pipelines with MLflow and custom metrics
- Built LLM-powered chatbots with LangChain, HuggingFace, and OpenAI GPT APIs for enterprise clients

PROJECTS

Angelswing

- Contributed as a Fullstack Developer in building a drone-based data platform, enabling real-time 3D mapping and visualization for construction monitoring.
- Developed and maintained interactive dashboards and visual components using React and D3.js.
- Optimized backend APIs and real-time data processing pipelines using Node.js and MongoDB.

angelswing.io

kallidus

- Worked on modernizing the Learning and Talent Management system for enterprise clients.
- Designed LLM integrations using LangChain and Pinecone with AWS Lambda for scalable orchestration of screening tasks
- Integrated RESTful services and contributed to secure user access via OAuth2 and JWT.

kallidus.com

PatientIQ

- Engineered critical modules for a healthcare analytics platform used by hospitals and research institutions.
- Developed data-driven forms and dashboards for patient-reported outcomes using Vue.js and Express.
- Implemented HIPAA-compliant security measures and contributed to backend microservices in Node.js.

patientiq.io

MyIntellirent

- Collaborated on a rental management platform that streamlines tenant screening and document handling.
- Implemented NLP techniques for clinical text mining, improving the accuracy of automated patient report summarization by 30%
- Improved backend performance and reliability through PostgreSQL optimization and Redis-based caching.

MyIntellirent.com