



Ahsan Javaid

Full Stack (Node JS, TypeScript, GraphQL, React JS, AWS, Serverless)

Blockchain (dApps, web3.0, stacks blockchain, stacks.js)

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About Me

Hello! I'm a software engineer having 6+ years of experience in delivering end to end customized solutions in different domains like healthcare, ecommerce, chat apps, payment solutions and dApps (Web 3.0) using technologies like NodeJs, TypeScript, GraphQL, ReactJS, AWS, and blockchain.

Experience	6+ yrs
Email	meister.ahsan.javaid@gmail.com
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Technical Experience

JavaScript (ES5 to ES10)	Node JS
TypeScript	AWS (Serverless Lambda Cognito DynamoDB RDS)
GraphQL	React JS Redux Material Design
Sequelize JS TypeORM	MongoDB Postgres MySql RDS
Nest JS Angular	AWS (S3, EC2, Cloudfront, NGINX, Deployments)
Blockchain (Stacks JS, Stacks blockchain)	Swagger TDD CI/CD

Work Experience

Senior Software Engineer at Tintash

November, 2019 - Present

Blockchain Development (Stacks Blockchain)

- Contributed to stack.js in Typescript / Node.js tech stack
- Used test driven development & CI/CD approach
- Developed wallet based application using stacks blockchain
- Smart contracts development & integration with backend
- Worked with blockstack team to improve Stacks.js sdk

Web Development (TypeScript / NodeJS / GraphQL / React / AWS)

- Developed web applications using Node.js & React.js based tech stack
- Developed node.js based servers (NodeJS, Nest JS, TypeScript, AWS EC2, Sequelize, MongoDB)
- Extensive experience in databases side (Mysql, Postgres, Sequelize, MongoDB)
- High performance API's development, swagger documentation and deployment
- Extensive experience in JavaScript (ES5 to ES10), node.js, graphql, rxjs & react.js
- Did R&D on different projects, estimations, requirement gathering, & solution design
- Involved in regular client communication and demos based on client requirements

Cloud native development (AWS)

- Developed backend api's using serverless stack on AWS
- Used serverless stack: Lambda, DynamoDB, Cognito, AWS Amplify
- Managed deployments using EC2 and RDS
- Configured (CI/CD, CodePipeline, Nginx, ELB, elastic beanstalk, Code build)
- Experience in converting monolithic to microservice based arhitecture

Sr. Software Engineer at OneByte

Nov, 2016 - Oct, 2019

- Worked as Sr web engineer on multi tenant healthcare product (eonhealth.com)
- Did major improvements in eonhealth in terms of scaling and optimizations
- Did requirement analysis and project estimations
- Developed web applications using Node JS, Angular / React
- Did payment gateways integrations like stripe, paypal
- Developed Restful APIs using node.js, express.js, mongo db, sequelize
- Implemented application scaling, caching, logging and deployment
- Deployment with AWS and Heroku

Software Engineer at Novatore Solutions

Aug, 2015 - Nov, 2016

- Rest API development with Node JS
- Developed frontend with Angular
- Databases: MongoDB/CouchDB/MySQL
- Did direct communication and demos with clients

Education

BS -Computer Science from Punjab University

2011 - 2015

CGPA: 3.31

Automated Wordpress To Android App - Final Year Project

It is an automated system/Web Application which converts wordpress site into its android app. Site owner provides few credentials on website and then server side will return .apk. Tools & Techniques: Android, .Net, Wordpress, Apache Ant, Web Services My Role: Worked on android build automation on server, Implementation of Backend/Server side and android functionalities.

Projects

Title: [StacksJS](#)

Description: Stacks is an open-source network of decentralized apps and smart contracts built on Bitcoin. I did open source contributions to stacksjs and developed dApps using stacks ecosystem.

Tools & Technologies: TypeScript, TDD, Crypto, dApps, Open source contribution to <https://github.com/blockstack/stacks.js>

Title: [Storytoys](#)

Description: Storytoys is award winning children app provider company. I developed microservices based backend on AWS for storytoys from architecture design to implementation.

Tools & Technologies: AWS Lambda, Cognito, DynamoDB, Serverless framework, API Gateway, SNS, Step Functions, Stripe

Title: [Compliance wallet](#)

Description: Developed crypto currency wallet based application using stacks blockchain and integrated and deployed the smart contracts. Later this project was acquired by IBM.

Tools & Technologies: Stacks blockchain, Smart contracts, TypeScript, Currency exchange and swap, Nest.js, dApp, stacks blockchain api

Title: [Eonhealth](#)

Description: It is a web application for nodule and lung screening patient management with ICSR data submission and analytics.I worked on several features in this application i.e. data maps, large dynamic reactive forms, analytics queries using postgres, notifications systems, alerts, data exports, data grids, analytics/charts, Elastic Search on physicians database and on several backend data processing/transformation APIs and scripts to receive and manage patient's information from H17 parsers.

Tools & Technologies: Node JS, Angular, Postgres, RDS, Highcharts, Rest APIs

Title: [Audiocardio](#)

Description: AudioCardio™ is a data and science backed sound therapy designed to protect and strengthen your hearing. I worked on the payments module, admin dashboard and the fully customizable subscription and coupons based payments module.

Tools & Technologies: React JS, Redux, Observables, React Hooks, Stripe JS, Firebase

Title: [Scheduler](#)

Description: Chat and scheduler application to schedule the appointment with doctors and real time dicom sharing and chatting

Tools & Technologies: Node Js, Angular, Socket.io, Dicom, files, AWS, Video calling using textbox

Title: [Photele](#)

Description: Book a photographer to capture your memories with your friends or family. I worked on photographer panel, backend api's development and mobile application development in this project.

Tools & Technologies: Node Js, IONIC, Angular, Heroku, S3 Bucket, MongoDB

Title: [Photele](#)

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Tools & Technologies: Node Js, IONIC, Angular, Heroku, S3 Bucket, MongoDB, Swagger Docs

Title: [api.d-vour.com](#)

Description: I developed rest api for <https://d-vour.com> to end to end food delivery solution for home and professional chefs

Tools & Technologies: Node Js, MongoDB, Swagger, AWS EC2, NGINX