Kushal Jain

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SUMMARY

Highly motivated & innovative software engineer with 3+ years of broad experience along with extensive work in Software planning, development & testing, Business & Entrepreneurship, Public Speaking & Negotiations. Seeking to take the next career step with respected organization dedicated to world class quality & delivering value to its customers.

EDUCATION

California State University, Fullerton, CA   Aug 2017 - May 2019
Master of Science, Computer Engineering   GPA: 3.71

University of Pune, Pune, India   Jul 2012 - Jun 2016
Bachelor of Engineering, Electronics & Telecommunication   GPA: 3.63

TECHNICAL SKILLS

- Programming   : JavaScript (ES5 / ES6+), Python, TypeScript, C#, HTML, CSS / Sass, PHP
- Web Technologies   : React.js (w/Redux), NodeJS, REST API, GraphQL, JWT, AJAX, WebSocket, WebRTC
- Databases   : MySQL, PostgreSQL, MongoDB, AWS DynamoDB
- CI/CD & Testing Tools   : AWS CodePipeline, Jenkins, Jest, Enzyme, Chai
- Tools & Platforms   : Amazon Web Services, Firebase, Docker, Webpack, Gulp, Git, Postman, WordPress, Adobe XD

EXPERIENCE

Absolute Exhibits   Tustin, CA
Software Developer – Virtual Tradeshow Platform Team   *Feb 2021 – Present*

- Achieved revenue growth of more than 4000% since September 2020 through development of an innovative product which emulated a virtual tradeshow & exhibition
- Spearheaded innovation, architectural design, & development of a virtual interactive 3D platform enabling end users to move & socialize (audio & video chat) in first-person & third-person view
- Engineered a dashboard to provide real-time metrics for data analysis, lead generation & measuring ROI for the exhibitors
- Leveraged WebRTC & WebSocket to establish real-time communication between the user's browser and server. Users interact with entire 3D application in their browsers without downloading any additional software.
- Utilized C# & NodeJS for server-side, Typescript & ReactJS for front-end for the platform
- Collaborated with product managers, designers & client teams to understand customer requirements. Delivered valuable input towards product feasibility analysis, technical design, time & cost estimations following agile/scrum methodologies.

Absolute Exhibits   Tustin, CA
Full Stack Web Developer – Software DevOps Team   *Sep 2019 – Feb 2021*

- Delivered high-quality web software ahead of schedule leveraging software best design practices & modern web technologies. Implement responsive web applications with mobile-first approach; increasing mobile traffic by 65.78%.
- Enhanced server query response time by 26% by switching from REST to GraphQL
- Enabled analytical teams to make decisions 1.5x faster by rearchitecting design of a video streaming application
- Built, maintained, & monitored multiple internal web servers & APIs built on Node.js & PHP, & connected the marketing websites front end to a headless CMS
- Delivering & implementing CI/CD pipeline roadmaps along with performing code review, unit testing using Jest and Enzyme and API testing using Postman to ensure delivery of quality product

Aquis   Pune, India
Web Developer UI Intern – UI Team   *Jul 2018 - Aug 2018*

- Restructured company's marketing website by working closely with management to add additional features, SEO optimization & revamp UI/UX, which resulted in driving traffic up by 39.78%
- Optimized SPA performance & speed by 1.25x by implementing caching
- Created reusable components for client & admin dashboard for data visualization platform
- Converted annotated Visual Designs to fully functional application with associated assets such as HTML5, CSS3, JavaScript
- Created help content, wrote FAQs, email campaigns, & instructional guides, decreasing support inquiries by 18%

Arham Digital   Pune, India
Software Engineer– Overseas Applications Team   *Jun 2016 - Jul 2017*

- Formulated, executed & maintained several enterprise-scale web apps in NodeJS, Express, React, Redux & used Redux-Thunk to consume APIs & manage large datastore
- Engineered pattern, viewpoint, direction in React application for Engineer's dashboard for better User Experience striking a balance between functional & aesthetic design, & ensuring optimized web

- Communicate & collaborate with multi-disciplinary teams of engineers, designers, producers, clients, & stakeholders on daily basis
- Accomplished user authentication & authorization through AWS Cognito/middleware
- Implemented performance testing for web apps in various browsers. Also, prepared technical & functional manuals.

PROJECTS (More projects here)

YelpCamp (GitHub | Live Demo)
- Built full-stack, Yelp Style RESTful Web app with user authentication, enabling posting reviews & comments with CRUD
- Learned about new technologies such as MongoDB clusters, Express, Nodejs, Google Maps API, Bootstrap 4, AWS Cloud9, Heroku

Trello Style Kanban Board (GitHub)
- Built a full-stack Trello Style web app where users can add lists and cards (Kanban style). Used React & Atlassian's DND library.
- Integrated with Node.js backend which was containerized using Docker & devised CRUD APIs to deal with the tasks/tickets
- Discovered about new technologies such as Atlassian's DND library, lerna, building AWS CI/CD pipeline.

DIY Burger (GitHub | Live Demo)
- Fashioned a web app by means of React & Redux to help customers build customized burger with choice of ingredients
- Integrated backend with Firestore DB, login module with Firebase authentication & authorization, UI with CSS modules & AJAX
- Discovered about new technologies such as Firebase, react transition-group, next.js

EXTRA-CURRICULAR ACTIVITIES

- Won third place out of 52 teams in Hackathon arranged by Edwards Lifesciences, Irvine, CA
- Led university's International Friendship Club with over 390 members by serving as a President
- Selected as one of the 9 teams nationwide to present at the IEEE UEM conference at Columbia University on 'Wi-Fi Energy Harvesting'