

# Kunj Shah

## Full Stack Developer

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### SUMMARY

- 3+ years of experience as a Full Stack Developer in the development, implementation, and troubleshooting of various web-based applications.
- Knowledge of the Software Development Life Cycle (SDLC), Agile, and Waterfall Methodologies.
- Skilled developer well-versed in programming languages (Python, JavaScript, TypeScript, Java), frameworks (React, Node.js, Flask), and cloud services (AWS, Google Cloud), showcasing exceptional technical prowess in software development and scalable architectural design and efficient applications. Well-Versed in the development of Restful web services/APIs using the Node.js framework.
- Working Knowledge of UI development with HTML, CSS, JavaScript, JSON, and Ajax.
- Proficient in consuming RESTful services to exchange (request) information with databases such as Oracle, MySQL and MongoDB.

### EDUCATION

**Master's in Computer Science** | California State University, Northridge Los Angeles, CA, USA.

**Bachelor's in Computer Science** | MIT Art, Design, and Technology School of Engineering Pune, MH, India.

### SKILLS

**Languages:** Python, JavaScript, TypeScript, Java

**Frameworks/Libraries:** React.JS, Node.JS, Redux-Saga, Next.js, Flask, Django, Scikit-learn, Numpy, OpenCV, Matplotlib

**Web Technologies:** HTML, CSS, jQuery, JSON, Ajax, Bootstrap, DOM Manipulation, React-Redux

**Databases:** MongoDB, MySQL, Oracle, PostgreSQL, Cosmos

**Dev Tools:** Git, UML, AWS, Google Cloud, Tensorflow, Docker, Terraform, Kubernetes, Prometheus, Postman, Jira, Sentry, FFMPEG, ROS

### EXPERIENCE

**Sharper Shape** | Software Engineer Intern | San Jose, CA, USA

Jun 2022 - May 2023

- Contributed to the software development life cycle of a T&D inspection solution by efficiently integrating cutting-edge technologies.
- Employed AWS CDK in Python for integrating S3, SNS, SQS, and DLQ, and Lambda functions to trigger actions based on bucket events, resulting in reduced latency by 10% of manual process and improved system reliability.
- Incorporated Slack SDK, expediting communication by 60% within the company's designated channel upon S3 event completion and Lambda failure, bolstering team coordination and response time.
- Generated Amazon S3 Usage Report, delineating client-based S3 usage, which aided in defining project scope and calculating cost to user, leading to 20% increase in client satisfaction.
- Devised a React interface, facilitating the import of CSV files and uploading them to an S3 bucket and initiating Lambda functions, resulting in 75% faster data processing.
- Constructed CI/CD pipelines, overseeing seamless integration and release of changes for service and underlying resources, which contributed to a 20% decrease in time-to-deploy.
- Collaborated within a pluridisciplinary team including US Software Lead and Product Manager, maintaining a close communication and asking calibrated questions to remove bottlenecks and reach alignment.
- Engaged in continuous learning and professional development, ensuring the incorporation of tools and techniques in the development process.

**Expertrons** | Software Developer | Mumbai, MH, India

Dec 2020 - May 2021

- Cooperated with an Agile Scrum team consisting of 6 members, skillfully developing a mobile app utilizing Node.js, React, React Native, Typescript, and MongoDB, thus fostering effective teamwork and expediting the development process.
- Employed video caching and FFMPEG for video compression, achieving a remarkable 12% decrease in load time and a 41% reduction in transmission bandwidth, thereby significantly enhancing user experience and minimizing resource consumption.
- Optimized MongoDB indexing for swifter searching and employed aggregates for intricate queries, further participating in AWS setup and migration, which encompassed constructing microservices and reducing costs by an impressive 10%.
- Championed and executed the installation of an on-premises variant of Sentry, streamlining the tracking of bugs and issues across all platforms, and promoting swift issue resolution and improved software stability.

**Nibodh** | Full Stack Developer | Mumbai, MH, India

Jan 2019 - Nov 2020

- Implemented scalable web applications using MERN stack (MongoDB, Express, React.js Node.js) and HTML/CSS within a waterfall methodology, resulting in successful project delivery and client satisfaction.
- Leveraged Bootstrap, React.js, and Node.js to design and develop effective web interfaces, while ensuring high-quality and error-free software through comprehensive testing and debugging.
- Architected and implemented REST API interfaces using JavaScript and Node.js, improving system performance and facilitating efficient data communication.
- Deployed and managed scalable, secure, and highly available AWS apps, reducing infrastructure costs.
- Developed React.js client website screens/widgets, improving user experience and increasing retention by 15%.
- Utilized MySQL database for simple queries and stored procedures for normalization, improving database performance and data integrity.