

Shubhangi Yadav

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OBJECTIVE

Seeking full-time opportunities in Software Development starting in May 2021.

Academic Background:

M.S. Software Engineering, *San Jose State University, San Jose, CA (GPA 3.6/4.0)*

Aug'19-May'21

Relevant Coursework: Enterprise Distributed Systems, Software System Engineering, Enterprise Application Development

B.S. Information Technology, *SGSITS, Indore, India (GPA 8.0/10.0)*

Aug'12-May'16

Relevant Coursework: Data Structures, Design and Analysis of Algorithm, Cloud Computing, OOPS, Agile Methodology

Technical Skills:

- **Languages & Technologies:** Node Js, Vue Js, React Js, Java, JavaScript, C++, Python, HTML, Kafka, GraphQL, REST API
- **DBMS:** MySQL, MongoDB, Firebase, Microsoft Azure, Redis, Cassandra
- **Tools:** Docker, Heroku, Jenkins, Jira, Postman, AWS (S3 & EC2), Mocha, Enzyme, JMeter, GDB, Git, Perforce

Work Experience:

NetApp Inc., Sunnyvale, CA

June'20-Aug'20

Software Engineer Intern

- Designed, implemented, and tested end-to-end REST APIs for S3 protocol stack which allowed cluster admins to create & delete buckets from s3 clients (e.g. aws-cli, s3 browsers etc.) directly instead of using ONTAP CLI.
- Contributed to the s3 protocol completeness which allowed ONTAP to be more compatible with the applications that use S3 REST functionalities which cut down admin time by approximately 50% to create or delete buckets manually.

Systango Technologies, Indore, India

April'17-June'19

Full-Stack Software Engineer

- Designed databases, implemented micro-services, created API documentation in Swagger, deployed ec2 instances along with leading teams of 3-4 people for multiple projects.
- Designed, architected, and wrote the modularized front end for multiple projects along with implementing payment gateways like Stripe and MangoPay.
- Optimized business layers, request queues, and MongoDB database models to handle the request load of 50k requests per second during peak time.

Tata Technologies, Pune, India

July'16-March'17

Software Engineer

- Developed, supported, and maintained warranty parts application for dealers & suppliers of Jaguar Land Rover.
- Developed dealers and supplier's business modules to boost efficiency of Chery Jaguar Land Rover operations by 22%.

Academic Projects:

Simulation of Twitter

March'20 – May'20

- Developed an application that has Twitter's primary functionalities to post tweets, follow users, create customized feed, in-app messaging using MERN stack along with connection pooling and caching to improve performance.
- Implemented Kafka to ensure high availability and scalability of the system. Deployed 4 instances of backend Kafka services, express routes, and react frontend on AWS with a load balancer.

Cart Share

March'20 – May'20

- Developed a web application where admin had inventory management functionalities.
- Integrated pool management & membership, shopping, order placement & pooling, pickup, delivery, notification functionalities for the user role.
- Integrated Firebase authentication along with using Java Spring Boot, React.js, MySQL, AOP, AWS EC2.

Invoice Simplifier

Sept'19-Oct'19

- Developed a productivity application that tracks and analyses your expenses using invoices in form of images & pdfs.
- Eliminated the need for the user to spend hours managing his/her expenses and budget using Node.js, React.js, NumPy, Pillow, Pytesseract.