

FEYA SHAH

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EDUCATION

University of Southern California, Los Angeles, CA

Viterbi School of Engineering

May 2021

Master of Science, Computer Science with GPA: **3.714 / 4.0**

Relevant Coursework: Analysis of Algorithms, Foundations of Artificial Intelligence, Web Technologies, Database Systems, Software Engineering, Augmented Reality / Virtual Reality, Information Retrieval

University of Mumbai, Mumbai, India

May 2019

Bachelor of Engineering in Computer Science with CGPA: **9.24 / 10**

Relevant Coursework: Operating Systems, Web Technologies, Artificial Intelligence, Soft Computing, Database Management Systems, Computer Organization and Architecture, Data Structures, Object Oriented Programming Methodology

TECHNICAL SKILLS

Programming Languages: Java, HTML5, CSS3, Javascript, TypeScript, PHP, MySQL, Python, C, C#, C++

Frameworks: React.JS, Node.JS, AngularJS, Django, Flask, Bootstrap, React-Bootstrap, JQuery, React Native

Applications: Android Studio, Visual Studio, Unity

WORK EXPERIENCE

Amazon Web Services, Seattle, WA

Software Development Engineer

July 2021 - Present

- Collaborated with a team of six engineers to deliver new features and functionalities to automate the existing manual cumbersome process of managing EC2 instance prices performed by the pricing managers
- Lead the project of onboarding a brand new team responsible for managing AWS Outpost prices to the team's pricing console using Java as the backend programming language.
- Was part of an away-team project aimed towards redesigning the architecture to prioritize testing of the public pricing offers
- Working on a security review for the entire service and successfully handled operations responsibilities

Software Developer Intern

May 2020 - August 2020

- Developed and deployed a model version and archival mechanism for old pricing publications tagged with non-compatible model versions using Java as the backend programming language and Python for the scripts.
- Experience with AWS DynamoDB, AWS Lambda and AWS Elastic Beanstalk.
- Implemented the entire project independently right from the design phase to the deployment and testing phases.

Altearea, Los Angeles, CA

August 2020 - December 2020

Web Development Intern

- Lead in the frontend development team.
- Worked on developing a mobile-friendly website powered by React and NodeJS with AWS RDS.
- Hosted the website using AWS services like Amplify, Elastic Beanstalk, IAM, Certificate Manager, Route 53.

ACADEMIC PROJECTS

Harexi, Los Angeles, California

March 2020 - May 2020

The aim of the project was to develop a platform agnostic app powered by React Native and Firebase which helps users to make healthier food choices. Lead the team of seven people and interacted with a real client.

Devpost link : <https://devpost.com/software/harexi>

NewsApp, Los Angeles, California

March 2020 - May 2020

The aim of the project was to develop a mobile friendly website powered by React and NodeJS which helped users to receive news updates with enhanced functionalities like commenting and bookmarking their favorite articles.

Devpost link : <https://devpost.com/software/newsapp-yau6lb>

ACHIEVEMENTS

Winner of AthenaHacks 2020

BeSexEd - The project focused on making sex education interactive, fun and accessible. Our web application was customized using HTML5, CSS3, Javascript and AJAX to incorporate multiple features which would enable users to participate in quizzes and engage in relevant conversations.

Devpost link : <https://devpost.com/software/be-sexed-kgq5b2>