

Taha Zia

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Summary:

- Senior Software Engineer with 6+ years of experience, owning and delivering complex projects in fast-paced environments
- Open to tech lead and senior full-stack roles in the SF bay area

Work Experience

Storytell.ai, *Senior Software Engineer*

February 2023 - Present

- Architected & developed the [Storytell](#) web application and chrome extension using React, Typescript, Flask, Docker, GCP
- Designed, implemented and owned CI/CD, increasing deployment frequency from 2-3/week to 15-20/day
- Led company-wide effort to enhance user trust by implementing robust PII data sanitization protocols

Forto, *Senior Software Engineer (summer contract during Masters at UC Irvine)*

June 2022 - September 2022

- Reduced the rate of message delivery failure from ~15% to 0%, by re-architecting message queue system to buffer between microservices
- Architected the logging service to initiate slack alerts for critical failures which improved the dev team's response time from ~4 hrs to ~5 min
- Onboarded 2 new software engineers by giving walkthroughs of the system architecture

Accenture, *Software Engineer - Associate Manager*

November 2019 - August 2021

- Created a web application that allowed pre-booking of cars online using React, Typescript, Nodejs, MongoDB, and AWS
- Launched tool to over 8 markets over Europe with 2.2M users visiting every month, managing high volume traffic using AWS
- Developed an e-commerce application that was used to purchase applications for e-cars using React, Typescript, Nodejs, Cypress, Enzyme, MongoDB and AWS
- Made the codebase more readable by reducing legacy code and improved automated test coverage from only 5% to approximately 60% which resulted in reducing reported bugs each sprint by about 70%
- Reduced on-boarding time by about 50% by updating documentation of technical tools
- Led and mentored a group of ~30 software engineers to reach professional and personal goals, and organized monthly tech talks to increase knowledge of relevant technologies
- Conducted ~20 technical interviews to determine skillset of applicants

HRForecast, *Web Developer & Data Scientist*

December 2018 - October 2019

- Built a web application that streamlined workforce management, improving client's employer retention rates. Developed tool to allow clients to plan up to 15 years ahead by estimating the change in workforce (employees leaving, retiring, sickness). Used React, Typescript, Nodejs, MongoDB, and AWS to build the application
- Leveraged NLP to process job postings and get sentiment analysis ratings. Used these ratings to advise companies to make more welcoming job postings, increasing number of applications by ~120%

JPrepper, *Co-Founder*

September 2016 - November 2018

- Created a web app for Jacobs University enabling users to share their field of study, study location, and intended duration
- JPrepper reduced stress levels of students during finals season by providing a platform where they could connect with students stuck on similar problems, thereby, providing a support system and improving collaboration
- Developed the application with jQuery and Django, used PostgreSQL to save user information and AWS to deploy it

Education

University of California - Irvine, *Irvine, California*

September 2021 - December 2022

Master of Software Engineering

Jacobs University, *Bremen, Germany*

September 2015 - June 2018

BS Computer Science

Carnegie Mellon University, *Pittsburgh, Pennsylvania*

August 2017 - December 2017

BS Computer Science - Exchange Semester

Skills

Python, Javascript, ReactJS, NodeJS, Typescript, Flask, C++, C, Java, HTML, CSS, SASS, Tailwind, Django, AWS, GCP