ABHINAV ARORA
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GitHub:https://github.com/abhinavarora14799 EPortfolio:https://abhinavarora14799.github.io/eportfolio/ | linkedin.com/in/abhinavarora14799

SUMMARY

Abhinav Arora is an agile software engineer with four years of experience in the IT industry, Specializing in AWS, Azure, SQL, Javascript and Proven ability to optimize the performance of cloud-based applications and infrastructure with a track record of effectively diagnosing and resolving complex issues in cloud environments. Known for his innovation, problem-solving skills, and commitment to delivering high-quality solutions.

TECHNICAL SKILLS

- Proficient in JavaScript, Python, C++, PHP, Laravel, SQL, AWS, Vue, React, Salesforce, Git, DevOps, C#, Java, .NET, Node, Kubernetes, and JSON.

EXPERIENCE

Software Engineer | BEGA North America | Carpinteria, California　　　　　　　　　　　　　　**June 2022 - Present**
- Integrated robust CI/CD pipelines in the ERP System, reducing load times and yielding 10% increase in annual production in the facilities.
- Efficiently migrated on-premises SQL Server to Azure, resulting in improved KPIs performance, reduced latency, and quicker data accessibility.
- Developed an access application which allowed the users to monitor access of all Reports, and transactions on our custom ERP System.
- Automated server transactions, across third-party vendors, leading to 15% increase in transaction efficiency within the Finance department.
- Conducted cost analysis, implementing strategies for a 20% annual cloud expense reduction while maintaining or enhancing performance.
- Designed a robust Electronic Data Interchange (EDI) Portal hosted on AWS EC2, facilitating seamless and secure data exchange with vendors.
- Established zero-trust security across networks, leading to 30% drop in unauthorized access attempts annually and reinforcing data protection.

Software Engineering Intern | Solar Insure Inc. | Costa Mesa, California　　　　　　　　　　　　**January 2022 - May 2022**
- Designed and built web applications to connect data from RESTful APIs into Vue, and Laravel Customer Portal.
- Built and Integrated new features to the portal with viewing traffic in the 99th percentile (50th out of 10,000 SPA dashboards).
- Implemented custom Tailwind-CSS changes to the front-end which decreased the front-end Compilation time by 60%.
- Migrated the codebase of the Project to AWS S3 bucket from Digital Ocean, which increased the company's global outreach by 33%.
- Refactored Front-End of the application from Vue.Js to React framework, to update SDLC, and developed mobile applications on Native.

JavaScript Developer | California State University Fullerton | Fullerton, California　　　　　　**September 2021 – January 2022**
- Developed a custom web-portal to embed virtual agent-mentors for the Career Fair. AI Project.
- Leveraged the inbuilt React framework toolkit to create frontend features, and responsive user interface components.
- Optimized React components for maximum performance of the website and wrote front-end code for 3 different platform applications.

Student Software Developer | California State University Fullerton | Fullerton, California　　　**March 2021 – May 2022**
- Implemented interaction between frontend and backend using the JSON object at the University Data Center.
- Monitored all network processes to ensure the smooth flow of data across the network of almost 150 active CSUF Servers.
- Reduced deployment time by almost 100 seconds by developing bash scripts to automate build and deployment on Ubuntu servers.

Information Technology Intern | Sensorex | Garden Grove, California　　　　　　　　　　　　　　**August 2021 – December 2021**
- Wrote custom HTML, PHP, CSS, and JavaScript, to add different features to the platform which resulted in a boost to UX scores by 28%.
- Designed and refactored multiple user reactive pages, which Increased customer traffic by 50% (60,000 new site acquisitions since V2).
- Handled visual, responsive implementation of front-end features which resulted in a raise in dwell time by 30%.
- Implemented a solution to embed 10 dashboards of different products in 1 by redesigning data models.

Associate Software Developer| EZ Health-Track | Foster City, California　　　　　　　　　　　　**August 2020 - December 2020**
- Employed continuous integration and deployment (CI/CD) pipelines to automate testing and deployment processes.
- Performed bug fixes and code refactoring which allowed the technical debt to decrease by 32% within the first two months.

Research Student Assistant | California State University Fullerton | Fullerton, California　　　　**June 2019 – August 2020**
- Developed custom data models and algorithms to apply to data sets and Queries.
- Improved and evaluated data collection processes by assessing, streamlining, automating existing systems at the office of Assessment.

Webmaster | California State University Fullerton | Fullerton, California　　　　　　　　　　　　**May 2019 – August 2019**
- Established, and maintained web system and tested servers and operating systems for the Division of Administration and Finance.
- Updated and created web pages and maintained them up to mark with ATI compliance and maintained a healthy SDLC.

BOARD POSITION

ACM External Vice President　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**May 2020 – May2021**
- Handled professional outreach tasks to build relationships with companies and planned professional events.
- Organized, managed, and created Project Jams, Interview practice workshops, and career workshops.
- Lead Product Tank Events which focused on networking events with Alumni working in the Product management roles.

CERTIFICATIONS

- IBM - Enterprise Design Thinking Practitioner.　　　　　　　　　　　　　　　　　　　　　　**August 2021–Present**

PERSONAL \ GROUP PROJECTS

Pizza Radar　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**July 2021 – August 2021**
- Designed a JavaScript React native Web-application that provides users with the list of nearest Pizza restaurants in the area.
- Implemented the Yelp API which allowed the program to Display over 1000 Pizza restaurants in the maximum radius of 100 miles.

Google Maps API　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**December 2018 - January 2019**
- Designed a Program (C++) which integrates Google Maps API hosted in Google's Servers.
- Converted a Physical mailing address to its corresponding geolocations using Geocoding API, also encoded Reverse, Elevation features.

Chrome Speak　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**November 2018– March 2019**
- Collaborated and created an extension on Google Chrome named as Chrome Speak with Amazon Alexa.
- Added voice control feature for disabled support that assisted webpage navigation on Google Chrome.

EDUCATION

California State University - Fullerton　　　　　　　　　　　　　　　　　　　　　　　　　　　**August 2018 – May 2022**
Bachelors of Science in Computer Science　　　　　　　　　　　　　　　　　　　　　　　　　**Fullerton, California**

AWARDS & ACCOLADES

- Gold Medals in Cyber Olympiad 2016 (State) and International Mathematics Olympiad 2017 (Regional).