**Yash Mehta**

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**SUMMARY**

Software engineer with 3+ years of experience in the IT industry with cross functional teams and changing business conditions.

**EDUCATION**

**M.S. Computer Science** Aug 2022 - May 2024

Arizona State University, Tempe, AZ **4.0 GPA**

**B.E. Computer Engineering**  Aug 2015 - May 2019

K.J Somaiya College of Engineering (University of Mumbai), Mumbai **8.02 CGPA**

**TECHNICAL SKILLS**

**Programming Languages:** Java, C#, JavaScript (Angular, React), Python, HTML, CSS 

**Databases, Tools, and Libraries:** MS SQL, Git, Tortoise SVN, Jira, Jenkins, Entity Framework, Java Spring, Docker, Kubernetes

**Certifications:** C|EH Certified Ethical Hacker v10 Certification

**PROFESSIONAL EXPERIENCE**

**IVYComptech, Hyderabad: Software Engineer** Oct 2021 – July 2022

Developing web applications for races and sports to be displayed in the UK retail betting shops for Coral and Ladbrokes brands. Role included UI design, real-time data processing, configurable logic development, event streaming and unit testing.

* Leveraged observables in **Angular** to achieve real-time updates on the interface and decrease the latency to under 100ms.
* Created back-end APIs in **.NET** and **C#** to process data from **REST** resources and stream it to the frontend for binding.
* Incorporated configurable code using DynaCon configuration file and fetching the constants through **Sitecore**, giving the retail store admin freedom and flexibility to change the parameters as needed.
* Demonstrated project capabilities to chief-level leadership in London leading to a successful production rollout of the application in the UK.

**Arcon Techsolutions, Mumbai: Software Developer** July 2019 – Oct 2021

Lead developer and solution architect for the Ng Settings module of the Arcon | PAM product. Worked on feature implementation, production deployment, designing system architecture, database management and stabilizing legacy systems.

* Designed modular and cross-platform front-end in **Angular** communicating to **C# .Net Core** backend through **REST** **API**s with data storage functionality provided by **MS SQL** database, helping achieve deployment to Mobiles and Macs.
* Developed SSO capability in the product by integrating SAML and JWT.
* Focused on code coverage using Veracode, leading to the module coverage increasing from 54% to 92%.
* Introduced multi-language support using ngx-i18n library, assisting customer acquisitions in the Middle East.

**Barclays Global Service Center, Pune: Summer Intern** June 2018 – Aug 2018

Designed a portal with **Angular** frontend and **Java Spring** backend to ensure seamless inter-team data passing and status tracking for the Risk, Finance and Treasury department, helping minimize backlogs and increasing team efficiency by 20%.

**RESEARCH EXPERIENCE**

**STAM Center, Arizona State University: Graduate Student Assistant** May 2023 – Present

* Arizona Cyber Range – Simulated, interactive, sandboxed environment to hone cybersecurity skills.
  + Architectured the project flow and design, Created UI screens and dashboard, Developed virtual machine network computing access functionality within the portal and utilities to check the state of the machines.
* Gauge Data Visualization Tool – Visualization website to analyze bottleneck issues in HPC systems.
  + Added User Interface visualizations, Redesigned the side menu and functionality, Introduced linked highlighting, fixed bugs, Deployed website and Researched ways to make the ML engine data agnostic.

**PROJECTS**

**Optical Character Recognition (OCR) for Identity Cards, *Professional Project*** Sep 2019 – Sep 2019

* Developed an algorithm to orient, scale, and interpret government identity documents and store them in an excel sheet.

**Abusive Language Detection, *Capstone Project*** Aug 2018 – May 2019

* Surveyed, reviewed, and compared various **Natural Language Processing** approaches to detect abuse on social media.
* Web application to accept user input, process it using **Recurrent Neural Networks** and **Long Short-Term Memory** **Machine Learning** algorithms, categorize the text into various forms of abuse and display it on the dashboard.

**Password Storage Manager, *Pet Project*** Feb 2018 – Feb 2018

* Created a **KIVY** mobile app to store encrypted passwords into **Firebase** cloud storage and fetch them on demand.

**Auto Login, *Pet Project*** Dec 2016 – Jan 2017

* Automated login into gmail and college portals for partially blind students using domain credentials.