# 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.