

Muhammad Zunair

Software Engineer

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(201) 713-1161

SKILLS

Languages: C#, Java, Javascript, PHP, Apex, Python

Frameworks: ASP.NET, .NET Core, Angular, JQuery, AJAX, Typescript, D3.js, Laravel, Salesforce

Databases: MySQL, MSSQL, PostgreSQL, Oracle

Misc: Git, Agile, Azure, Amazon Web Services

EXPERIENCE

UL, Melville, NY — *Process Automation Engineer (C#, Angular, Typescript, Azure Cloud, Python)*

Dec 2018 - Present

- Technical lead creating software solutions to bring visibility to enterprise-wide initiatives performed within our team.
- Design and implement a solution that allows internal stakeholders and operations to view capacity.
- Improve process workflows to reduce wasted actions, user experience as well as feedback regarding implementation roadmap based on team capabilities.
- Create datastreams that capture and move data from legacy systems to a cloud based infrastructure enabling teams to create reports on KPIs.
- Develop automations using RPAs to reduce overhead cost and manual labor to allow faster turnaround on internal audits across a larger sample size.
- Scaling solutions to allow for increased traffic to our global enterprise applications and workflows from 100 to 5000 daily users within one year.

Sitracker, Montclair, NJ — *Solution Engineer (Salesforce)*

Nov 2017 - Mar 2018

- Assisted customers with technical issues regarding Sitracker software implementation or Salesforce specific issues.
- Troubleshooted and performed root cause analysis, provided feedback and timely patches for bugs.
- Communicated with clients to demonstrate new features as well as gather requirements to fulfill their business needs.
- Added code coverage to account for at least 80% of the changes before pushing to production daily.

S&A Technologies, Newark, NJ — *Software Engineer (C#, .NET, AngularJS, MSSQL, Oracle, AWS, Javascript)*

Apr 2014 - Oct 2017

- Designed and implemented a dynamic form generator allowing users to create forms and reports quickly based on user responses helping administrators make better business decisions.
- Updated web crawler to use multi threading and added pagination to API endpoint to deliver faster results and store results in the database. Wrote SQL procedures to inform administrators to take action on non-compliant web pages.
- Developed VB.net scripts to retrieve data from PostgreSQL and create a monthly excel sheet to report information collected from clinicians while following HIPAA requirements.
- Created Gantt chart using Javascript and D3.js library which rendered in the frontend. The data structures were designed to only display relevant data and allow re-rendering Gantt charts quickly after initial load.

PROJECTS

Geocruiter — *Senior Capstone Project*

- Created specifications working with sponsors for one of the two projects he wanted to develop. Designed wireframes and developed a MVP which placed 4th out of 30 teams at the final showcase and was used to secure funding for the project.

LEADERSHIP

Nucleus Yearbook — *Business Manager*

- Led a team of six members to increase sales of yearbooks by 20%. Managed all incoming and outgoing financial transactions.
- Negotiated with school leadership to increase the club budget by 25% to improve the quality of the yearly publication.

EDUCATION

New Jersey Institute of Technology, Newark, NJ

B.S. Information Technology - August 2018