Abdul Noushad Sheikh

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I am a results-oriented Full-Stack Software Developer having 3+ years of professional experience of Software and Web Development in Python, Java, Javascript, NodeJS, AngularJS, and Linux Shell. A passionate individual that loves to build innovative solutions to real-life problems. Excellent analytical and problem-solving skills and a positive and proactive attitude, with the ability to work as part of a team as well as independently. Always ready to lead and take the initiative. I'm driven to learn new technologies and improve my skills on my own. I enjoy learning new things and always ready to face challenges. Also, I love automating things around me and contributing to the open-source community.

EDUCATION

Savitribai Phule Pune University   July 2015 - July 2019
Bachelor of Engineering in Computer Science [CGPA: 8.15 / 10.00]   Pune, MH, India

Maharashtra State Board   June 2013-March 2015
H.S.C (10+2) in Science Stream [87.38%] (Top 1 Percentile)   Nagpur, MH, India

EXPERIENCE

Amdocs (AT&T)   Sept 2021 - Present
*DWH/BI Developer (**Full Stack – NodeJS/AngularJS/ Azure)***   Pune, MH, India
- I do the Agile DevOps design, development, testing & migration of apps for AT&T Client.
- My responsibilities are to ensure the correct functionality, performance, scalability, and security of production apps.
- I also lead a team of four developers to perform end to end POC for migration of an app from on premise to Azure cloud.
- Later we have successfully migrated the app to azure cloud and fixed bugs and vulnerabilities in legacy systems.
- My other task includes, estimating time, prioritizing tasks, tracking heavy processing/computation system flows and improving their efficiency. Also eliminating corner cases and code pitfalls.
- **Tech-stack:** Docker, Git, Linux, Azure DevOps, Python3, AngularJS, and NodeJS.

Deloitte (DHS OHA)   Jan 2020 - Sept 2021
Systems Engineer - DC Analyst   Mumbai, MH, India
- Designed and developed NodeJS POC application for analyzing and representing PubMed data for a medical research project.
- Before that, I worked as a Full Stack Developer in Oregon IE Project for Medic-Aid module building and maintenance.
- In addition, I developed an automated testing framework, and I won the Deloitte Spot award for efficiently automating it.
- **Tech-stack:** JavaScript, Docker, Git, NodeJS, ExpressJS, Selenium, Java, and Heroku.

PROJECTS

2MinuteJSON.com | *ExpressJS, NeDB, AWS EC2, NGiNX*   April 2022
- Started a free JSON share service based on one time password key-based validation. [2minutejson.com]
- 2MinuteJSON is a RESTful API service to share json data between apps using simple OTP.
- When a post request containing json data is performed on the root URL, the API generates an OTP.
- The data is flushed from the server DB if the 2-minute timer expires or the data is retrieved. (More info in API docs)

JobsExplorer.in | *NodeJS, REST, AWS Cloud, Linux*   Sept 2019
- Built a NodeJS/Express app to ease job search from popular job searching portals available in India. [jobsexplorer.in]
- Used Google Analytics, SEO, and NGiNX to make it fast, reliable, and easier.
- I deployed it on a Linux virtual machine on AWS Cloud for high availability and faster query response.
- Used CRON to schedule the HTTPS certification renewal every three months.

UNI Share .in | *Python Django, AWS EC2, RDS, S3 Cloud, Android Studio*   May 2018
- Co-Founded a website UNI Share in college third year. [unishare.in]
- UNI Share is an online directory that connects people at the college campus to share/buy/sell college-related items.
- Built a professional web app in Python Django and used Google Analytics for learning about the incoming traffic.
- We have implemented a real-time high traffic handling mechanism by Load balancing and Optimized Content Delivery.

My MIT - Attendance App | *Java, Android, AWS Cloud, Linux Servers* Jan 2016
- I created a solution for our college's non-responsive and unintuitive attendance portal user interface..
- For ths, we developed an android App, 'My MIT,' to display attendance, help calculate attendance targets.
- We built a fantastic responsive, friendly UI using open source android libraries.
- We had 1.5K downloads in the first week and approx. 10K downloads by the end of the app's life in 2018.[Google Play Store]

PATENT/RESEARCH WORK

Autonomous Seam Welding Machine | *Arduino Micro-controller, C++, Robotics* Oct 2021
- I worked with some students at KIIT University in India to develop an Autonomous Seam Welding Machine.
- We have invented a solution to perform flawless unsupervised welding on cylindrical surfaces.
- I created a dynamic PID control algorithm to trace paths at improved reliability over the curved welding surface.
- Patent filing for this invention is under process.
- Application Number: 202231000995

TECHNICAL EXPERTISE

Languages: Python, Java, C++, HTML/CSS, JavaScript, MongoDB, SQL.
Developer Tools: VS Code, IntelliJ IDEA, Eclipse, Android Studio.
Technologies/Frameworks: Linux, Django, NodeJS, AngularJS, GitHub, Flask, and AWS CLI, Azure DevOps.

CERTIFICATIONS

1. Microsoft Certified, Azure Security Engineer Associate (AZ-500) H771-5092
2. Microsoft Certified, Azure Fundamentals (AZ-900) H762-9045
3. Microsoft Certified, Azure AI Fundamentals (AI-900) H762-2906

ACHIEVEMENTS

2021	₹ 20,000	Deloitte Cloud Institute Reward
2020	1st among 500	Deloitte Spot Award for Automation
2018	5th Place	Smart India Hackathon 2018, National Finals
2016	1st Prize	CodeJam IEEE Student Council, MIT Pune
2016	1st Prize	CodeStorm in MIT Texephyr 2016

LEADERSHIP / EXTRACURRICULAR

POC Lead | *Amdocs* | *Management Resource Tool (MRT) Cloud Migration POC*
- Lead a team of four people to perform POC for migration on MRT tool from on premise to azure cloud.
- Set up the Azure DevOps code management and auto deployment pipeline for the MRT app in the POC environment.
- Later, this POC is used to work on final migration, deployment and maintenance of MRT tool in N-PRD and PRD environments.

Tech Head | *MIT Pune tech-fest* | *Texephyr 2018 and Texephyr 2019*
- Lead the Technical team for the MIT Pune College of Engineering Tech festival for 2018 and 2019.
- We designed and automated fully automated event ticket purchasing and an efficient money management system.
- We have created an Android app for event registration and viewing the event catalogue.
- Successfully led a team of 10 students.

Co-Founder | *Project Guru Club*
- I co-founded the Project-Guru club at MIT Pune College of Engineering.
- Successfully ran the club for 1.5 years with other club associates.
- I head the organization of various programming competitions at the club.