

EDUCATION

- **Jamia Millia Islamia** New Delhi
Electrical Engineering; CGPA: 7.49 *Aug 2015 – July 2019*

EXPERIENCE

- **Primathon** Gurgaon, Haryana
Senior Software Engineer *Jan 2021 - Present*
 - **Project Name:** Sotheby's, Freshworks, My Fishing Boat, Crypterns, A-MAX Auto Insurance
 - Architect customer focused solution and effective technical business solutions
 - Spearhead a team of **7** software engineers to craft user-facing web application and highly scalable APIs
 - Architect, Build, Optimize, and Maintain backend for different important clients
 - Actively involved in hiring process boosting the head count in the company from **6 to 60** people.
 - Working as a core team member in introducing new processes and industry best practices for smooth functioning of the organisation and a healthy growth culture across the company.
 - Design and Implement typo-tolerant search solution using Typesense search engine bringing down the search response time to under **100 ms**
 - Introduced culture of Infrastructure as Code across the company using Terraform, boosting the productivity by **3x**.
 - Implement software best practices such as unit testing using ChaiJs and MochaJs, Code reviews, Design and documentation
 - **Tech Stack:** NodeJs (NestJs), Typescript, Javascript, Redis, MySQL, Typesense, Terraform, AWS, GCP
- **Primathon** Gurgaon, Haryana
Software Engineer *Jan 2020 - Jan 2021*
 - **Project Name:** Stay Bloom, Publaunch, Freshworks
 - Work closely with clients and product teams to understand the requirement and enable their success through products they love.
 - Develop and Deploy highly scalable REST api with ability to LRU cache thus removing redundant lookups by **90%**.
 - Create meaningful dashboards for clients using tools like Datadog, AWS Cloudwatch
 - Implement efficient CICD pipelines for Automated Code deployment with one click that brought down the deployment time from **30 mins to 2 mins** using AWS Codepipeline, AWS Codeploy and Gitlab CI.
 - Use front-end Javascript library for building user interfaces based on UI components
 - **Tech Stack:** NodeJs, Javascript, MySQL, Redis, Gitlab CI, AWS, ReactJs
- **Wipro Technologies** Greater Noida, NCR
Software Engineer Trainee *June 2019 - December 2019*
 - **Off shore client:** Worked with a team of developers to develop integration for mission critical SOA environments where extreme performance, scalability and reliability are critical requirements
 - **Tech Stack:** Oracle service bus 11g, XML WSDL

PROJECTS

- **ANT BOT:**
 1. We built a robot on the theme of an ant. How an ant leaves a trail or path to resources for the other ants to follow suit.
 2. The robot follows the line using sensor. We have employed colour image processing for ant hill detection (service stations) using a camera. Our bot also has pick and place mechanism which we have achieved through a combination of actuators.
 3. Python, Raspberry Pi, Arduino Nano

ACADEMIC ACHIEVEMENT

- **E-Yantra Robotics Competition:** Secured **5th position among 1000 teams** in E-Yantra Robotics Competition organized by **IIT Bombay** (2018 - 2019).

POSITION OF RESPONSIBILITIES

- **Treasurer at IEEE JMI:** Performed duties as the Treasurer and Executive Committee member at IEEE JMI, New Delhi. Facilitated various tech workshops for students in Faculty of Engineering JMI with a footfall of **500** students.