

AHMAR MOHAMMAD HASHMI

M.Tech. (CSE) from IIT Bombay

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Seeking assignments in Application Development/ Project Management

CORE COMPETENCIES

*IT Service Management
Software Development
Account Management
Business Continuity Planning
Client Relationship Management
Team Management*

EXECUTIVE SUMMARY

- **Technocrat with over 7 years** of experience in **Back End Development** in various technologies ranging from **.Net to NodeJS**
- Gained experience in handling project management activities including project scoping, estimation, planning, finalization of technical/ functional specifications and resource administration
- Expertise in web development technologies like NodeJS, ExpressJS, Typescript, Angular
- Knowledge of SQL and NoSQL Databases and CI/CD pipelines & tools
- In-depth knowledge of Docker, AWS (lambda, EC2) for managing and scaling applications
- Solid planning and organizational skills in coordinating all aspects of each project from inception through completion
- Strong team builder and facilitator, fosters an atmosphere that encourages highly talented professionals to balance high-level skills & maximum production

KEY DELIVERABLES

- Developing and maintaining server-side applications, ensuring high performance and responsiveness
- Collaborating with front-end developers to integrate user-facing elements with server-side logic
- Designing and implementing data storage solutions and databases
- Creating and maintaining APIs for seamless communication between the front-end and back-end
- Optimizing applications for maximum speed and scalability along with implementing security and data protection measures to safeguard sensitive information
- Developing and deploying cloud-first, microservices-based solutions along with designing APIs for monolithic as well as micro-service-based architecture
- Collaborating with the team to design and implement data migration and transformation processes
- Troubleshooting and debugging issues, perform thorough testing to ensure the application's reliability
- Keeping up-to-date with the latest industry trends and technologies to enhance development practices

CAREER CONTOUR

Since Mar 2023 with Dario Health Pvt Ltd., Gurgaon as Senior Backend Developer

Technology Used: NodeJS, AWS (Lambda, EC2), MySQL

- Handled overall accounts system architecture across multiple applications by designing and implementing APIs from scratch
- Designed and developed scalable microservices architecture using Node.js and TypeScript along with enhancing system modularity and performance

Jun 2022 – Mar 2023 with BizzTM Technologies Pvt Ltd, Gurgaon as Senior Backend Developer

Technology Used: NodeJS, Apollo GraphQL, AWS (Lambda, EC2, Code-Deploy), mongoDB, Bitbucket Pipelines

- Catered to tier-II, and tier-III cities for their regular household needs for building an e-commerce platform
- Designed APIs that enables core e-commerce functionality, starting from product exploration to order placement
- Integrated with third-party vendors like UniCommerce for inventory management, PayTM Gateway for payment management

Sep 2019 – Feb 2022 with Smiths Detection Singapore as Software Development Engineer II

Technology Used: C#, MySQL, MongoDB, RabbitMQ, Azure DevOps, Docker swarm

- Enhanced airport security, and automated customs clearance by creating a cloud-based solution
- Understood end-to-end architecture of the project by taking a complete handover of the project's backend codebase from Hitachi Consultancy
- Gave demos to clients, while continuously adding new features to the web application

Mar 2018 – May 2019 with Blackmagic Design Singapore as Software Engineer

Technology Used: Qt, C++

- Added new features and fixed bugs in DaVinci Resolve's Edit and First Cut page
- Ensured overall maintenance of the software

Apr 2017 – Feb 2018 with CusXP Singapore as Full Stack Developer

Technology Used: C#, AngularJS 1.6, Google Natural Language API, Dialogflow

- Performed end-to-end development, integrated external APIs, performed sentiment analysis, built AI consensus engine, and generated real-time automated reports on the platform CusJo using Natural Language Processing techniques
- Automated survey form filling in a chat format by building surveybot at CusXP

Nov 2016 – Feb 2017 with Works Applications Singapore as Software Engineer Intern

Technology Used: JavaScript, jQuery, Bootstrap

- Tracked the life-cycle of the products in an inventory Management System software
- Managed personal details of the employees, their attendance records, leaves, and payroll information by building a Personal Information Management System software

TECHNICAL SKILLS

Programming Languages: JavaScript, C#, C++, Java
Web Technologies: NodeJS, Express, GraphQL, AWS, AngularJS, C#, .NET
Databases: MySQL, MongoDB

ACADEMIC PROJECTS UNDERTAKEN

M.Tech. Project:

Project: Efficient learning of pre-ordering rules for Machine Translation **Guide:** Prof. Ganesh Ramakrishnan
Duration: May 2015 – Jun 2016

Details:

- Gained knowledge about re-ordering sentences using selective examples and source-side grammar
- Retained both the syntactic structure and lexical level details in the generated rules
- Designed a deterministic framework which can extend to any language pair while performing reasonably better than the base-line translation

Project: Part of Speech Tagger Natural Language Processing **Guide:** Prof. Pushpak Bhattacharya
Duration: Autumn 2014

Details:

- Actively created part of Speech tagger using Hidden Markov Model and implemented using Viterbi Algorithm
- Performed unknown word handling and various smoothing techniques and achieved an accuracy of 95%

Project: Automating the components of a simulation project Software Lab **Guide:** Prof. Bhaskar Raman
Duration: Autumn 2014

Details: Studied the effect of various parameters like the number of Wi-Fi clients, and traffic of an individual client on different networking metrics like average throughput, number of bytes transmitted on air, time required for download, and transmission type

Tools Used: lex/yacc: parse the configuration parameters passed in the file. Python: to parse the output generated by the pcap file and change the parameters dynamically. Pyplot: to draw the graphs.

AWARDS/ TRAINING UNDERGONE

- Bagged All India Rank 36 out of 1,55,190 students in GATE 2014 (99.97 percentile) 2014
- Qualified for ACM-ICPC regional finals held at Amritapuri, Asia 2013
- Achieved First Rank in inter-college coding competition at the techno-management festival of IEST Shibpur 2014
- Received Full Scholarship from the State Government, (WBMDFC) during my B.E. 2010-14
- Completed vocational training on Core Java at Moniba Academy jointly partnered by IBM 2012

ADDITIONAL QUALIFICATIONS/ CERTIFICATIONS

- Certified Associate GraphQL Developer by Apollo; 2022
- Completed BizzTM Connect Program in Node Js & Apollo Graph QL Server; 2022
- Completed a course on Machine Learning by Andrew NG, Stanford University on Coursera 2015
- Completed a course on Deep Learning by Andrew NG, Stanford University on Coursera 2017
- Certified Microsoft Specialist in Programming in HTML5 with JavaScript and CSS3 2012
- Cleared a course on IT Foundation Skills to be recognized as a Cognizant Certified Student 2013

B.E. PROJECTS UNDERTAKEN

Project: Understanding Social Behaviour by Sensing Contexts **Guide:** Prof. Jaya Sil, IEST Shibpur
Duration: 2013-14
Details: Performed face detection first, and then created clusters for each facial expression. Made use of KNN classifier to classify a new image to its corresponding cluster.
Tools Used: MATLAB

Project: Study of Semantic Query Retrieval from Triple Store using SPARQL **Guide:** Prof. Aditya Bagchi, ISI Kolkata
Duration: May 2013 - Jul 2013 (Summer Project)
Details: Analysed how graph databases are stored. Performed queries written in SPARQL via the JAVA program on various graphs.
Tools Used: SPARQL, Virtuoso, Protege

ACADEMIC CREDENTIALS

2016 Post Graduation (Computer Science Engineering) from IIT Bombay with 8.48 CGPA
2014 Graduation (Computer Science and Technology) from IEST, Shibpur with 80.49%

PERSONAL DOSSIER

Date of Birth: 27th September 1991
Address: 19A Dr Suresh Sarkar Road, Kolkata-700014
Passport No.: X6392390 (Valid till 09/03/2033)
Languages Known: English, Hindi, Urdu, Bengali and Arabic