Ajinkya Bhushan

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MOTIVATION

An enthusiastic and self-motivated individual seeking an opportunity to work as a software developer backed with strong communication skills, knowledge of computer science, and a solid grasp of data structures and object-oriented designs. Aiming to work in a challenging and supportive environment. Having expertise in writing full-stack code to support multiple platforms, including Web stack and Android. Willing to contribute to the development of the organisation by working in teams and meeting deadlines without compromising accuracy and quality of work.

EDUCATION

Masters in Advance Computer Science

University of Sheffield, Sheffield, United Kingdom

09/2021 – 09/2022

Modules: Software Reengineering, Object Oriented Programming, Team Software Project, Parallel Processing with Graphical Processing Unit, Testing and Verification of Software Critical System, Intelligent Web, Software Development of Mobile Devices, Professional Issues, Dissertation Project

Post-Graduation Diploma in Advance Computing

Centre for Development of Advanced Computing (CDAC), Pune, India

08/2018 – 02/2019

Modules: Algorithm and Data Structure using C++, Concept of Operating Systems, Microsoft .NET Technology, Object Oriented Programming using Java, Software Development Methodologies, Web Programming Technologies, Web based Java Programming, Database Technologies, Post-Graduation Project

Bachelor of Engineering in Computer Science Engineering

Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU), Nagpur, India

07/2013 -07/2017

Modules: Data Structure and Algorithm, Object Oriented Programming, Computer Network, Artificial Intelligence, Software Engineering and Project Management, Data Communication, Digital Circuit and Microprocessors, Data Warehousing and Mining, Distributed Operating System, Information and Cyber Security, Cloud Computing, Final Year Project.

WORK EXPERIENCE

Product Analyst

PTC (Parametric Technology Corporation), Pune, India

02/2019 – 08/2020

- Worked as a pivotal point between the client and the product. Focused on business software known as "Windchill". Used to patch problems like Web UI bugs (based on JavaScript and Angular) fixes, SQL queries, Server Management, production server deployment, and spring boot

- Worked with development team to define and implement customer change requests to enhance product functionality.
- Attended weekly development team meetings and assisted in identification and resolution of issues to maintain timeline and budget integrity.
- Evaluated application products and recommended revisions to improve functionality.

TECHNICAL SKILLS

Programming languages: Java, C#, C, C++, Kotlin, Swift
Mobile Platform Development: Android and iOS
Web Development: HTML, CSS, JavaScript, Node.js
Programming Frameworks: Spring Boot, Hibernate, React, Angular, Express.js, ASP .NET
Database Platforms: MySQL, MongoDB, Oracle
Tools: Git, Maven, Gradle, Unix Shell Scripting
Other: Parallel Programming, Nvidia CUDA and OpenMP

PROJECTS

• **Simple OTP Email Authenticator:** Created a basic plugin code which can be used by the developers using Node.JS, HTML and CSS.

• **3D blocks game:** I created a basic 3D block game which was based on the Unity 3D engine. Developed it for all the platforms from phones to PC. Designed this project for Undergraduate final-year project submission.

• **Social Photography portal (Instagram Clone):** Designed and developed a website for passionate photographers where they can add their photos. This is a project I designed this project for my Post Graduation Diploma. User MEAN Stack (MongoDB, Express.JS Angular and Node.JS)

• "**User Management System**" was a project assigned in the module "**Object Oriented Programming using Java**" in my major in "Advance Computer Science". Built the system using Java, Java Swing GUI toolkit.

• Created a group project "**Digital Marketplace for farmers**" for "**Team Software Project**" module. It was based on MERN Stack. Handled the back-end which was in the Node.JS and MongoDB also wrote the unit test for React UI framework front-end.

• **Master's Project:** iOS Application on "**Research and Monitoring of Dementia using Apple ReserachKit framework**". ResearchKit framework is created by Apple which focuses on health, surveys and monitoring of disease. Designed and Developed the application coupled with a cloud-based database known as Firebase.