

ABHISHEAK AMALRAJ

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Experienced Software Engineer skilled in Full Stack development (**JavaScript, React JS, MongoDB**), (**C#, .Net and SQL**), **Java** programming, **Flutter (Dart)**, and **HTTP/REST API** development. Enthusiastic in designing product wireframes & mockups, ideally in **Figma**.

EDUCATION

Newcastle University
MSc, Computer Science

Newcastle, United Kingdom
September 2022 - September 2023

- Secured **distinction** in the following **relevant modules**:
Advanced programming, Introduction to Software Development, Software Development Techniques and Tools, Professional Skills and Portfolio, Database Systems, Web Technologies, and Human-Computer Interaction.
- Completed multiple **advanced Java** coursework assignments and problem statements, and have successfully cleared exams demonstrating my proficiency in the subject.
- Led a team** in developing a fully functional hybrid application using **Flutter**, handling front-end development and **API integration**.

St Joseph's College of Engineering, Anna University
B.E, Electronics and Communication Engineering

Chennai, India
April 2017 - April 2021

- Developed a Driver Fatigue and Drunk-Driving Detection with Car Tracking System using IoT & OpenCV as my final year project.

EXPERIENCE

GRAPE SOFTWARE
Junior Developer

Durham, United Kingdom

- Worked in an Azure DevOps environment, utilising **C#, .NET**, and **SQL** technologies to contribute to Grape Software's development projects.
- Played a key role in enhancing user interfaces to provide a more intuitive and user-friendly experience for the company's website users.
- Implemented robust authentication mechanisms to ensure the security and integrity of user data.
- Collaborated effectively with the development team in the **Azure DevOps** environment to deliver high-quality software solutions.

MINDTREE Ltd
Software Engineer

Chennai, India
August 2021 - July 2022

- Completed an intensive **MERN** stack development training, demonstrating practical skills in developing web applications using these technologies.
- Gained hands-on experience with **Azure Pipelines** and developed user interfaces with **Modern Web** (React.js, Next.js & Node.js) development tools, technologies, and best practices.
- Collaboratively worked with the client **Procter and Gamble (P&G)** and developed new features and functionalities for their **Feminine Care websites**.
- Improved user experience by modifying user interfaces to meet the client's expectations.
- Agile** methodology (scrum) and continuous integration and delivery.

ORGWARE TECHNOLOGIES

Software Development Intern

Chennai, India

December 2019 - January 2020

- Gained hands-on experience in website development, focusing on **HTML, CSS, JavaScript, and JS frameworks**.
- Developed a portal specifically designed to benefit farmers, gained practical skills in web development, and applied my knowledge to create a functional and user-friendly website.

Java Intern

November 2018 - December 2018

- Skilled in **Core Java** programming fundamentals and experienced with the Eclipse environment within a month timeframe.

SKILLS

- Programming Languages: Java, JavaScript, C#, Dart (Flutter)
- Web Technologies: HTML, CSS, React.js, Node.js, .Net
- Databases: SQL, MongoDB
- Tools: Azure Pipelines, Git, Visual Studio Code, IntelliJ IDEA, Docker, Kubernetes
- Embedded Programming: Arduino, Raspberry Pi

EXTRACURRICULAR ACTIVITIES

VICE PRESIDENT, OPTICAL SOCIETY OF AMERICA, St. Joseph's Chapter (March 2020 – April 2021)

- Represented one of the college's students' chapters virtually for an **International Student Leadership Conference** conducted in September 2020 which was fully funded by the host in Washington DC, USA.
- Managed the functioning of the college chapter in all aspects and received the maximum grants during the tenure.
- Collaborated with technical, and non-technical activities and educational outreach programs.
- **Designed a user-friendly Educational Blog** for Prospective Students using HTML, CSS and JavaScript.

QUALITATIVE ACHIEVEMENTS

- INDOVATOR AWARDS 2020 - 1st Prize
National Level Event conducted by State Government of Kerala, India
(Smart Ambulance Navigation)
- DAKSH HACKATHON 2020 - 2nd Prize
State Level Project Fest conducted by SASTRA University, Thanjavur, India
(Smart Two-Wheeler System)
- SMART INDIA INTERNAL HACKATHON-SOFTWARE EDITION 2020
Qualified for the final round for the problem statement "Portal for farmers to buy and sell the products at a better rate".

INTERESTS

- Exploring new technologies and staying up-to-date with the latest industry trends.
- Attending tech conferences and workshops to expand knowledge and network with professionals.
- Participating in hackathons and coding competitions to enhance problem-solving skills.
- Reading books on technology, entrepreneurship, and personal development.