Dhruv Saini

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Education

SRM Institute of Science and Technology, Kattankulathur, Chennai   2016 - 2020

Bachelor of Technology, Information Technologyy | CGPA: 8.35 | 86.60%

Relevant Coursework: Data Structures, Algorithm Analysis and Design, Database Management Systems, Programming in Java, Python programming, Information System Management, Principles of Technology and Innovation Management

Central Board of Secondary Education - DAV School, New Delhi   2015 - 2016

12th (Senior Secondary Examination) | 81.4%

Work experience

Publicis Sapient, Haryana(Gurugram)

Associate Software Development Engineer - 2	December 2021 - Present
Associate Software Development Engineer - 1	March 2021 - November 2021
Associate Technology L-1	July 2020 - February 2021

- Designed and developed scalable web services for a B2B digital platform for a prominent North American client in the logistics/shipping industry using C#, .NET Core, Entity Framework Core 3.1/3.5 and Azure cloud services.
- Developed a standalone POC on Azure Data factory - Resulted in client appreciation and reduced the overall production server load by 22%.
- Took individual ownership of analyzing, developing, and deploying multiple business impacting features from scratch.
- Involved in designing and developing complex rating and discounting engines with high code reusability and complete code coverage.
- Involved in production deployments and setting up CI-CD pipeline.
- Frequently recognized by the development team and product owners for ownership quality, sound business impact and learning mindset.

Publicis Sapient, Haryana(Gurugram)   January 2020 - June 2020

Software Development Engineer Intern - Gamify Application

- Developed a web-based learning platform for incoming sapient campus interns to provide an efficient learning management system and provide systematic assessment through various contests.
- The project has resulted in polishing all my technical as well as leadership skills as a product engineer.
- Implemented Netflix Architecture and Microservices framework using ReactJS and JAVA Spring Boot.
- Integrated Microsoft Teams and setting of Oauth 2 with the Sapient's SSO page.
- Lead representative for the project and recognized by stakeholders.

Alight Solutions, Haryana(Gurugram)   June 2018 - July 2018

Summer Intern

- Developed a POC on Single Page Application(SPA).
- Used JavaScript, HTML 5, CSS and Java 8.
- Learned about Agile Ceremonies, JIRA and various other business tools.

Airtel Communications, Uttar Pradesh(Noida)   December 2017 - January 2018

SDE Intern

- Understanding the networking systems and the real-time implementation.
- Gained knowledge around various network topology, networking protocols, routing, IP addressing and subnetting.

Entrepreneurial Project

Onskola - School Management System

- The project is ongoing and intended to facilitate school students who cannot enjoy fruitful school life experiences due to ongoing covid-19 pandemics.
- Currently, we are a team of 3 people(co-founders), planning and developing a school management web application featuring all the primary school operations - online classes and parent-teacher meetings, attendance/grades management, study material management, daily reminders, competition/interaction platform, etc.
- The sole owner of back-end planning, analysis, designing and development utilizing Netflix architecture.
- Currently working on Sava Spring Boot framework developing user based profiles(Admin, Teachers, Students, Parents) and dashboard APIs.
- Implemented Microsoft teams integration with the platform and Spring Security with OAuth for authentication based on user-specific profiles.
- We are utilising java 8, Spring Boot, JavaScript, React, Redux, Azure cloud services, Jenkins CI/CD, etc.

Academic Projects

Smart Garbage Monitoring And Controlling Using Internet of Things   January 2020 - June 2020

- The project was intended to serve and support Swachh Bharat Abhiyan launched by the Government of India.
- A prototype was developed on an Arduino microcontroller. It is comprised of an ultrasound sensor to monitor to garbage level. A metal detector and a moisture sensor were added to detect metal and wet waste from the garbage. Rest all the plastics and degradable items are processed using image processing. Here, all the waste segregation movement is done using a servo motor. The dustbin data are uploaded to the cloud using the IoT module. So that all the operation is either controlled or monitored by IoT.
- I have worked in a team of 3 people under a professor with good coordination and ownership amid the Covid pandemic.

Intra College Grievance Redressal System   January 2019 - May 2019

- The project was intended to provide students with a platform to address and track their grievances properly.
- Represented the idea along with cost analysis, time estimations and essential architectural diagrams.
- Technologies used java 8, HTML, CSS and MySQL.

Skills

Back-end Technologies	Core Java 8/11, C#, C++, Python, Spring Boot 2.6, ASP .NET 3.1/3.5, OAuth 2
Front-end Technologies	JavaScript, React, Redux, HTML, CSS, Material UI, Bootstrap, Axios, Hooks
Cloud Computing	Azure App Services(functions Apps, Logic Apps, Data Factory, AKS, Service Bus Messaging)
Databases and Devops	Postgres, MySQL, MongoDB, SonarQube, Git, CI/CD pipelines
Technical Certifications	Microsoft Azure Az-900 Certified

Extra-Curricular

Corporate Social Responsibility Team - Publicis Sapient

July 2020 - Present

Volunteer

- The team aim at promoting the well-being of society and the environment while lessening negative impacts on them.
- The team regularly take initiatives by running campaigns and organizing events to help people in need.
- The covid-19 outbreak awareness campaign, teaching underprivileged children, mental health awareness are a few of the many initiatives taken by the team.

Team Envision - Aaruush (National level Techno-management fair at SRM IST)

2016 - 2018

Committee Member

- Envision is responsible for welfare campaigns like organ donation, woof (welfare of oppressed friends: animal welfare), a litter of light, etc.
- Lead organizer for WOOF Campaign, lead a team of 30 volunteers.

KONVOLVE, an intra-SRM multi-disciplinary technical project competition

September 2017

Certificate of appreciation for an IoT Based Smart Streel Light Project

Courses and Trainings

Spring Security | LinkedIn - Nov 2021

Introduction to Data Science in Python | Coursera - Mar 2019

Cloud Architecture| LinkedIn - Dec 2020

Getting Started with Python | Coursera - Jun 2018

Agile at Work | LinkedIn - Dec 2020

Cognitive Computing Using Watson | IBM - Sep 2017