Amandeep Singh

Old Radha Swami Street
Barnala, Punjab India,148101
(91) 98034-68197
amanbnl6501@gmail.com

Fresh Computer Science post graduate having a passion for developing scalable web applications and working across the full stack web development. Motivated, self learner trying to gain and learn new technologies.

EXPERIENCE

Talentelgia Technologies | *Junior software engineer.*

January 2023 - Present

As a Junior Software Engineer I had the opportunity to work on diverse projects, allowing me to expand my technical skills and knowledge. I successfully implemented new features, conducted thorough testing, and identified and resolved bugs to improve software functionality.

- Developed and maintained software applications using Node.js, ensuring adherence to coding standards and best practices.
- Demonstrated proficiency in advanced concepts of Node.js, including asynchronous programming, event-driven architecture, and module management.
- Collaborated with cross-functional teams to gather and analyze requirements, contributing to the successful delivery of projects.
- Worked on AWS cloud infrastructure, utilizing services such as EC2, S3, and Lambda for scalable and reliable application deployment.
- Assisted in the design and development of RESTful APIs, integrating third-party services and enhancing application functionality.
- Participated in code reviews, debugging sessions, and performance optimization activities to maintain high-quality codebase.
- Actively engaged in continuous learning and professional development, staying up-to-date with industry trends and emerging technologies.
- Team management and client communication drills.

Talentelgia Technologies | *software Intern*

August 2022 - January 2023

During my Internship Program I have gained invaluable hands-on experience in various aspects of software engineering. I actively contributed to the development and maintenance of software

SKILLS

JavaScript | Angular | AuthO | NodeJs | NestJs | ExpressJs | API Development
Postgresql | MySql | MongoDB
Html | TailwindCSS | Bootstrap
Jira | Git | Github | Bitbucket(CI/CD) | shell script and Basics of Docker | Microservices | Box client
Serverless | AWS Lambda
Twilio | Stripe Payments
Verbal & Written Communication | Adaptability
Kindness | Eager to learn | Motivation

AWARDS

Fast Starter Award - as a software Intern I was Awarded for my performance.

PROFILE

Linkedin : [Amandeep Singh](#)
Github : [Amanbnl](#)
Portfolio: [Amandeep Singh](#)

LANGUAGES

English | Hindi | Punjabi(Native)

applications, collaborating with a team of skilled professionals to deliver high-quality products.

- Collaborated with a team of software engineers to develop and test software solutions for clients.
- Assisted in the design and implementation of software modules, ensuring adherence to coding standards and best practices.
- Participated in code reviews, debugging sessions, and performance optimization activities.
- Contributed to the development of a Properties based project, which resulted in **Fast Starter Award** 🏆.
- Worked closely with senior developers to gain practical experience in software development methodologies and technologies.
- Demonstrated strong problem-solving skills and attention to detail in identifying and resolving software defects.
- Actively participated in team meetings and brainstorming sessions to enhance product functionality and user experience.
- Adapted quickly to new technologies and programming languages as required by the project.

EDUCATION

Punjabi University Patiala, — *BSC*

(2017 - 2020)

Throughout my bachelor's degree program, I undertook a diverse range of coursework that encompassed both scientific principles and computer application concepts.I gained a comprehensive understanding of scientific theories, principles, and methodologies, including subjects such as physics and mathematics. This knowledge allows me to approach problems with a systematic and analytical mindset. The core of my degree program revolved around computer application, covering topics such as programming languages, algorithms, data structures, software development, database management, and computer networks. I gained hands-on experience with basic programming languages like [c, c++, java].

Punjabi University Patiala — *MSC IT*

(2020 - 2022)

During my master's degree program, I specialized in Information Technology, focusing on advanced concepts and practical applications. I gained a deep understanding of information systems design, development, and implementation. This involved studying topics such as database management, information security, software engineering, web development, and human-computer interaction.

Along with that I have started learning Javascript by understanding the basic concepts.

OSQO — *Property based project*

An OSQO Deposit Gap Loan (DGL) is a financial product that gives you an opportunity to purchase a property more cost effectively than using alternatives such as Lender's Mortgage Insurance (LMI), by funding any savings shortfall, or 'deposit gap'.

Tech stack
- AWS – SNS, SQS, DocumentDB, DynamoDB, S3
- Angular and NestJs
- Event based Microservice Architecture pattern

Third party libraries Integration
- Box Client – For storing documents.
- Loggly – for debugging purposes.

My Role and Responsibilities –
I have spent most of the time in managing and developing backend services. However there were few things that I have implemented on frontend side like AuthO. Below were my Responsibilities in this project –
- writing, testing, and debugging code according to project requirements by following the coding standards.
- collaborating with other engineers, designers, and project managers.
- Ensuring the quality and reliability of the feature before delivery by doing proper unit testing.
- documentation of the feature and code, processes, and project–related information

Major Difficulties and their Resolution –
- As I was new to AWS. Initially, it was a little difficult for me to adapt to it, But after spending some time I got used to it and got familiar with its services.
- How to delete a stack and redeploy from scratch was another difficulty that I have faced. By following proper steps of deleting stack and redeployment I have found the solution for it.
- Effective use of cloudWatch service – Initially during debugging sessions I struggle in using cloudwatch, But after getting used to it, it has helped me a lot in how we can debug the issue in one go.
- Memory issue while deploying stack – I have solved the memory issue related to stack deployment using shell script.