# ABHISHEK NIGAM

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**PROFESSIONAL SUMMARY**

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Results-oriented software engineering professional with more than 1 year 10 months of experience in the field of application development. Promotes object-oriented approaches to real-time software development. Full-Stack Developer with knowledge of Angular and Nodejs programming. Quickly learns new software packages, languages and hardware technologies.

**SKILLS**

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|         Angular |         Learning Platform Development | |  |
|         Bootstrap 5 |         Jwt(Java Web Tokens) | |  |
|         Typescript |         Data Analytics Portal Development | |  |
|         Nodejs |         Application Development | |  |
|         MongoDB |         NPM | |  |
|         Mongoose Wrapper |         Troubleshooting, Debugging | |  |
|         OOPs Concept |         SDLC | |  |
|         Multithreading |         Agile Development, Scrum |  |  |
|         Azure DevOps |         Front-end Development |  |  |
|         CI/CD pipeline |         Server-side Development |  |  |
|         CosmosDB |         Project Deployments |  |  |
|         Angular Material |  |  |  |

**WORK EXPERIENCE**

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**02/2018 to 07/2018:**

**System Engineer, Infosys Ltd. – Mysore, KA**

**Project: Online On Boarding Portal, Role: Developer**, **Customer:** Infosys

**Environment:** Angular, Angular Material, Typescript, nodejs, mongoDB, iisnode, Azure Devops, Azure Portal

**Tools:** Visual Studio Code, Robomongo, Mongo Compass,**Process:** Agile Development/Scrum

**Description**:

 The application is a portal which automates the on boarding process end-to-end. This application involves all the steps and process for on boarding a new joinee. The application uses latest technologies like active-directory to auto populate some values to enhance the user experience. This application provides an easy, safe and fast way to on-board an employee while keeping paper work to minimum. It also provides a feature of live tracking of one’s application progress.

**08/2018 to 11/2018:**

**System Engineer, Infosys Ltd. – Mysore, KA**

**Project:** Geospatial Learning Platform, **Role: Developer**, **Customer:** Infosys

**Environment:** Angular, nodejs, mongoDB, CosmosDB, Typescript, Azure Devops, Azure Portal

**Tools:** Visual Studio Code, Robomongo, Mongo Compass, **Process:** Agile Development/Scrum

**Description:**

The application is a learning pathway concentric to geospatial personnel. The application concentrates on role based as well as workflow based course learning. It is comprised of various roles and four expertise levels namely beginner, intermediate, advance and expert.  It allows user to use either the default learning paths or self-customize the learning paths as per their requirements.

**12/2018 to 01/2019:** **System Engineer, Infosys Ltd. – Mysore, KA**

**Project**: JWT Authorization, **Role: Developer**, **Customer:** British Petroleum

**Environmen**t: Angular, nodejs, mongoDB, CosmosDB, Typescript, Azure Devops, Azure Portal

**Tools**: Visual Studio Code, Robomongo, Mongo Compass, **Process**: Agile Development/Scrum

**Description**:

The application provides all the features required for signup, sign in and account management for users. This application is a secured platform and provides multi-level security by using concepts of Java-Web-Tokens and two-way authentication system. The application implemented automatic mails with time-bound links to reset password and other security features.

**02/2019 to 05/2019:** **System Engineer, Infosys Ltd. – Bengaluru, KA**

**Project**: Group Functions Marketplace, **Role: Developer**, **Customer:** British Petroleum

**Environment**: Angular, nodejs, mongoDB, CosmosDB, Typescript, Azure Devops, Azure Portal

**Tools**: Visual Studio Code, Robomongo, Mongo Compass, **Process**: Agile Development/Scrum

**Description**:

The Application is a Group Functions Marketplace. The application facilitates generation of reports using powerBI APIs and creation of different ideas and use cases. The application also displays real time usage of three different sites namely [slack.com](https://apc01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fslack.com&data=02%7C01%7Canurag.nigam%40infosys.com%7C84ba7180cdaa47fda52b08d744fb91db%7C63ce7d592f3e42cda8ccbe764cff5eb6%7C1%7C0%7C637053719585958510&sdata=mjiT24Pzw3r8Ww4K%2FiJARxQN5Q2%2FUBAuzsi3K5IHNU4%3D&reserved=0), VSTS and Microsoft teams. The portal had a feature of migrating from one site to another.

**Appreciations:**

Received appreciation from high level client officials including CIO and from various Infosys officials including Delivery Manager for effective time management and quality work.

**06/2019 to present**: **System Engineer, Infosys Ltd. – Mysuru, KA**

**Project**: QuizMe, **Role: Developer**, **Customer:** Infosys

**Environmen**t: Angular, Angular Material, Typescript, nodejs, mongoDB, iisnode, Azure Devops, Azure Portal

**Tools**: Visual Studio Code, Robomongo, Mongo Compass, **Process**: Agile Development/Scrum

**Description**:

This application is a quiz maker. It provides all the features to create and attempt new quizzes. This application caters to the needs of different audiences. The application includes the account management features for both examiner and examinee. It also provides instant results with solution to the quiz.

**Responsibilities:**

1. Built, tested and deployed scalable, highly available and modular software products.

2. Worked closely with clients to establish problem specifications and system designs.

3. Implemented Angular, Angular Material, Bootstrap 5, nodejs, mongoDB and responsiveness code

4. Implemented drag-drop functionality between panels using DragDropModule of angular 7.

5. Implemented graphical representation of the workflow path.

6. Implemented multi-level filter based course search.

7. Implemented multi-level authentication and authorization using JWT.

8. Implemented automatic mail functionality with secured links valid for a certain time period.

9. Handled different types of issues including angular version upgradation (v6 to v7) of the ongoing project and

       solved the resulting code break down issues.

10. Coded real time usage of third party sites with nodejs and nodejs async functionality effectively.

11. Developed different dynamic portal components.

12. Implemented people-picker functionality in nodejs.

13. Implemented Active directory functionality in nodejs.

14. Implemented rich-text mail functionality using ngx-quill.

15. Creating GUI Screen and implementing business logics for them.

16. Developing Client side validations in angular and Server side validations in nodejs.

17. Developing Configuration files for MongoDB and CosmosDB.

18. Drafted comprehensive reports to document bugs and design flaws.

19. Implementing CI/CD pipeline using Azure DevOps.

20. Integrating the module with other modules and deploying them in iisnode and Azure.

21. Creating key-vault and storing database specific credentials in it.

EDUCATION \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2017 M. Tech in Computer Science & Engineering from SRM University – Chennai with 6.68 CGPA/GPA

2015 B. Tech in Computer Science & Engineering Integral University – Lucknow with 69.16 overall percentages

PERSONAL DETAILS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Name | Abhishek Nigam |
| Date of Birth | 23/03/1991 |
| Father’s Name | Mr. Akhilesh Nigam |
| Permanent Address | E-302, Peninsula Pinnacles Apartment, Bangalore-562125 |
| Nationality | Indian |
| Sex | Male |
| Languages Known | Hindi, English |
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ACKNOWLEDGEMENT \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

                                I hereby declare the information provided above is best to my knowledge.