Akhil Nigam

Full Stack Developer, TCS Digital

Software Developer with proven development experience on mature product teams and passion for continuous learning and development.

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WORK EXPERIENCE

Full Stack Developer
Digitate (Tata Consultancy Services's Venture)

06/2019 - Present   *Pune , India*
***Currently** working in **TCS Product Development Team**. Involved in core development as a Full Stack Developer with technology stack : Spring Boot, Angular , MongoDB*

Achievements/Tasks

- **Responsible** for End-to-End development of functionalities to implement most recent and innovative solutions by following proper design patterns and standards resulting in a more stable and interactive system
- **Automated** the customer-onboarding process and **reduced** the wait time up to 99%
- **Implemented** application caching mechanism with multiple app servers and kept the cache data in sync.
- Separated business logic (service layer) and data-access logic (repositories) from the service layer to **reduce** duplicate code and ease the migration of database.
- **Configured** message broker like Rabbitmq in high availability mode

Mobile Application Development Internship
Tata Consultancy Services

01/2019 - 04/2019   *Pune, Maharashtra*

Achievements/Tasks

- **Developed** Enterprise Cloud Portal mobile application for Cloud Infra Unit. Acheived authentication, user management , user-role management.
- Pulled data from API comprising of different variables like network utilization, storage utilization, CPU utilization etc, **scaled** them and **visualize** the data through various charts
- Technologies Involved : Android, REST, JSON parsing, Java, XML

Software Development Internship
Ellipsonic Pte Ltd

05/2018 - 07/2018   *Remote*

Achievements/Tasks

- **Developed** an enterprise level **android** application with small team of developers . Sliced designer compositions from PSD format and **created** android xml UI and java then combined a Node.js server with Firebase to create powerful, faster, and more secure android app.

Internship - Summer Intern
Indian Institute of Technology Kanpur

05/2016 - 06/2016

Achievements/Tasks

- This project is to bring into existence a network monitoring tool that essentially detects abnormal behavior of any host and in case of such abnormality checks for its activity by decrypting data sent across the network by this host to analyze the nature of its conversation and take necessary action.
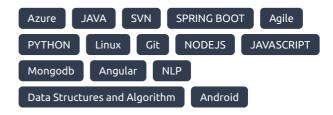
EDUCATION

B.Tech - Computer Science and Engineering
Pranveer Singh Intitute of Technology

05/2015 - 06/2019   *70.2%*

Intermediate- C.B.S.E.
Prabhat Public School Kanpur

04/2013 - 04/2014   *86%*

SKILLS

`Azure` `JAVA` `SVN` `SPRING BOOT` `Agile` `PYTHON` `Linux` `Git` `NODEJS` `JAVASCRIPT` `Mongodb` `Angular` `NLP` `Data Structures and Algorithm` `Android`

ACHIEVEMENTS:PROGRAMMING

Rank 1 in ACM ICPC 2017 online round in college.

ACM ICPC 2017 Regionalist - (Kolkata -Kanpur Region)

Qualified for Google Codejam 2017.

PROJECTS

Real-time Android Chat App with Spring Boot backend and Mongodb database [PERSONAL] (01/2021 - 02/2021)

- This chat application leverages Spring Boot as Backend having JWT Auth filter with **Spring Security** and serving valid request raised by android clients. Websocket is used for real time messaging.
- On client side, various views are implemented like ListView, Recycler view , CardView and GridView. Do check out: https://github.com/akhilxonym/MyChatApplication

Chatbot using NLP and Deep Learning [PSIT] (06/2018 - 09/2018)

- Project comprises of three parts. **Data Preprocessing**: - Cleaning and converting data into understandable format. **Builiding Seqtoseq model:** This converts sequences from one domain to sequences in other domain.It is a general-purpose encoder- decoder framework of Tensorflow that can be used for Machine Translation. **Training the Model:** Hyper parameters are set and model is trained.

Bigdocto -Mobile Application [PERSONAL] (01/2018 - 02/2018)

- Bigdocto is an android app **developed solely by me**. It **sorts** the best doctors in the city, **books** appointment with them and **segregates** the doctors on basis of type i.e. General Physician , Cardiologist ,Dentist etc. It shows them as Cardview in a RecyclerView. An infinite scroll is **implemented** which polls data from backend after the given period of Grid position. Technology used are: Android ,JSON parsing, php ,database management .
- https://github.com/akhilxonym/Bigdocto

LANGUAGES

ENGLISH/HINDI
Full Professional Proficiency

INTERESTS

`Programming` `Playing Instrument: Piano` `Cricket`