

NIDHI KUMAR

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EDUCATION

Kalinga Institute of Industrial Technology, Bhubaneswar, India

Jun'17-Jun' 21

Bachelor of Technology: Computer Science & Communication Engineering (CGPA : 9.15/10)

INDUSTRY EXPERIENCE

TEXAS INSTRUMENTS, Bangalore, India - Application Developer

Aug'21-Present

- **Automated critical business processes** which involves UI interaction/ Document Processing with respective to customer, **enhanced customer onboarding** and **purchasing experience** via the automation.
- Developed processes for EMEA countries to **archive** all the **Customs Documents** and provide it to SAP team.
- Worked on **APIs** exposed to customers for **placing orders, tracking order, generating invoices** and looking into **product availability** on TI Store.
- **Mentored** an intern and **designed the architecture** for **maintenance of Robotic Process Automation**.

Tech- SpringBoot, ReactJS, Oracle DB, UiPath, Xceptor, API, OpenText, Apigee Hybris, SAP, StencilJS

TEXAS INSTRUMENTS , Bangalore, India - Application Developer Intern

Feb'21-Jul'21

- Developed a dashboard using SpringBoot and ReactJS for **ERP** system to **track real time inventory**. It helped **Product Distribution Centre** team's work to **send out orders faster and smoother**.
- Developed an **analytical dashboard** to **notify** the user about **long running jobs** and **failing jobs** in **Oracle HCM**.

Tech - SpringBoot, ReactJS, Oracle DB, Oracle HCM, Spotfire

QUINBAY, Bangalore, India - Software Development Intern

Jul'20 – Jan'21

- Developed **transcribing** algorithms using AWS and flask API. Transcribed audio/video files to text using AWS Transcribe. Created an API where a user could upload any audio or video file and could download the text version of the file.
- Worked with **object detection** algorithms. On uploading a gaming image, the application could extract information like player name, number of kills, damage, survival rate etc. This was achieved using Google Vision OCR. This application was developed for a **Gaming firm** to **group the best players in the game and eliminate bots**.
- Worked on **NLP** for **document analysis** and **chatbot training**. On uploading any document (for eg- any financial record of a company), the application extracts useful phrases, keywords using NLP. This application was designed for **companies to get analytics on their financial record**.

Tech - AWS, Google OCR, AngularJS, NLP, Flask API

HIGH RADIUS, Bhubaneswar, India - Summer Intern

Apr'20'-Jun'20

- Built a **website** using React JS which showed first **partial payment**, payment types according to their customer names and customer id for **Account Receivables** for a **B2B system framework**. It had a **chatbot** which was built using DialogFlow. It also used some machine learning models to do data analysis.

Tech - ReactJS, Java, MySQL, DialogFlow, ML

SELECTED PROJECTS

- **Railway Ticket Booking** - Created an android application with basic interfaces. It could book a railway ticket taking information like name, destination and source station and date of journey. It could keep a track of all the bookings made. It had a notification system enabled to notify us about the ticket status.
- **Budget Manager** - Android application which can keep track of the regular expenses (credit and debit) categorically (Grocery/Transportation/Misc). It has features to capture receipts, keep records. Deals with the problem of manual records. It also had the feature to split expenses amongst groups of people.
- **AWS Mail Service** - To create a secure, managed business email and calendar service. It gives users the ability to seamlessly access their emails, contacts and calendars using the client application of their choice, any client applications supporting the IMAP protocol, or directly through a web browser.

TECHNICAL CAPABILITIES

- Languages : Python, Java, C, C++, HTML
- Tools/Framework : Springboot, ReactJS, AngularJS, UiPath, Xceptor, NLP, OpenText, AWS, Boomi, Hybris
- Databases : Oracle DB, MongoDB, MySQL
- General : Data Structures, Algorithms, Rest APIs, SOAP APIs
- Others : Bitbucket, Confluence, Github, Git, Linux, Docker, OpenAPI, Anaconda

ACHIEVEMENTS & CERTIFICATIONS

- Rising Star Award for Q4 (Texas Instruments December 2022)
- Global Recognition Award for efforts on API project. (Texas Instruments October 2022)
- Cloud Computing (RCPL)
- Android Development (Indian School of Ethical Hacking)

COMMUNITY WORK

- **Google Code-in Mentor, TensorFlow** - Mentored pre-university students (ages 13-17) in the global contest organised by Google annually for introducing teenagers to the world of open source.
- **Back To School, Texas Instruments** - Volunteered in this program to help underprivileged students in the remote villages to get access to school books, bags, etc.