Nishant Kumar

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Education

- **B.Tech – National Institute of Technology, Karnataka**   Aug 2016 - Present
  - Information Technology, CGPA - 8.59

- **HSC – AECS Magnolia Maaruti Public School, Bangalore**   July 2013 – Apr 2015
  - Secured 91.4% in CBSE XII

- **SSC - Air Force School ASTE, Bangalore**   Apr 2011 - Apr 2013
  - Secured 10 CGPA in CBSE X

Work Experience

- **Software Development Intern – Visa Inc. Bangalore**   May 2019 – July 2019
  Worked on creating an end to end service for VISA which helped to automate the common repetitive tasks and additionally made the system more efficient by reducing the time spent by the users to one-fourth.

- **Android App Development Intern - Savemonk, Mangalore**   Oct 2017 – Feb 2018
  Worked on fields such as retrieving data and images from server, load images with Picasso library, adding Floating Widget, customizing UI, customizing cards, multiple drawers, accessing internal storage, android download manager. This was implemented in the Savemonk Android App.

- **Android App Development Intern – Adrokart, Surathkal**   May 2017 – July 2017
  Worked on Android App that involved image compression algorithm, image filtering and built effective and attractive UI for the e-commerce start-up.

Technical Skills

- **Languages and Mark-ups:** C, C++, Python, Java, HTML, CSS, JavaScript, Bash.

- **Software and Frameworks:** Android Studio, IntelliJ, PyCharm, Django, Angular, Spring Boot, Activiti.

- **Tools and Libraries:** Bootstrap, Git, Volley, GSON, Picasso.

Projects

- **Amazon Reviews Analyzer (NLP):** This project involves the comparative study of multiple Machine Learning approaches for Sentiment Analysis of Amazon Reviews.

- **NITKART:** It is an online marketplace to ease "Buy and Sell" commodities in NITK Surathkal, built using Android App for front-end and Django-Rest API back-end.

- **Travelio:** Travelio is an Android Application developed to increase the user's productivity as a traveller. It has a lot of embedded features including Augmented Reality, Geo-fencing and Cognitive Services.

- **Epiphany:** Epiphany is an android application for natural disaster prediction using Machine Learning and real time Geo-Tagging feature for live updates.

Publications

- Ghuge, S.S., **Kumar, N**., Savitha, S. and Suraj, V., 2020, March. Multilayer Technique to Secure Data Transfer in Private Cloud for SaaS Applications. In *2020 2nd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)* (pp. 646-651). IEEE.

Certification

- **Oracle Cloud Infrastructure Foundations 2020 Certified Associate – Oracle**

  Issued Apr 2020 - Expires Oct 2021

Achievements

- **MICROSOFT CodeFunDo++ 2019:** Winner of Microsoft CodeFunDo++ 2019 for developing an ingenious Android Application and selected for showcase at Microsoft Hyderabad and Microsoft Bangalore campuses for AXLE 2019 top 18 teams from 5400 plus teams.

- **Siemens MakeIT Real Hackathon 2018:** Finished in top 10 among 1400 plus teams at national level for developing an application to aid Medical field.

- **MICROSOFT CodeFunDo 2018:** Winner of Microsoft CodeFunDo 2018 online round and senior league for developing an innovative android application and selected for showcase at Microsoft Hyderabad for AXLE 2018.

- **NEST Scholarship 2017:** Secured AIR 72 in this prestigious exam conducted for students currently in their 1st and 2nd years of the B.Tech degree.

- **IIT-JEE 2016:** Secured 98.9 percentile in this examination conducted by IITs under the guidance of Joint Admission Board.

- **SSB Interview(NDA) 2015:** Cleared NDA and Interview, also cleared CPSS, Computerized Pilot Selection System and PABT, Pilot Aptitude Battery Test (ones in a lifetime attempt) conducted by Govt. of India(UPSC) for induction in Armed Forces.

Positons of Responsibility

- **Event Co-Ordinator – Visionnaire, NITK**   Feb 2020 – Present

- **Convener (Head) - Flying And Robotics Club NITK (FARC)**   Aug 2019 – Present

- **Student Alumni Relations Co-Ordinator - NITK Student's Council**   Sep 2018 – Present