Vishal Kumar

Research Associate at TCS Innovation Labs, Incubation Program

Aiming to Solve Consumer and Business Problems and Build Innovative Product and Services through Digital Technology.



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WORK EXPERIENCE

Research & Innovation Associate Developer TCS Innovation Labs

05/2018 - Present

- Working in the development of new business and drone based solution for Enterprise.
- Developing android app for Warehouse and Yard Management, Autonomous Drone based Product and Services.
- Building Android SDK and Libraries.

Asst. System Engineer / Developer Tata Consultancy Services Limited

01/2017 - 04/2018

Mumbai, India

- Worked in the Design, Development, Unit Testing, Security, Performance and Maintenance of Enterprise android applications.
- Worked in the Rapid Prototyping and Development of Reusable Components for OCR, Chat bot based Applications in TCS Mobility CoE Team.

Trainee & Learning Enabler

Tata Consultancy Services Limited

Trivendrum, India

• Completed Training in Oracle Application Development and worked as Learning Enabler at ILP Innovation Labs, Global Training Center.

Innovator

Digital Impact Square, TCS Foundation

06/2016 - 01/2017

Nashik, India

https://www.digitalimpactsquare.com/

• Worked in the development of new social business, engaged in User/Problem Research and conducted a successful product/services market fit campaign, which leads to a rapid increase in the number of customer looking for the low cost portable soil testing product/service.

EDUCATION

Fellow, Entrepreneurship

Startup School Online

08/2018 - Present

Bachelor of technology in CSE

Institute of Engineering and Rural Technology

06/2013 - 05/2016

Allahabad, India

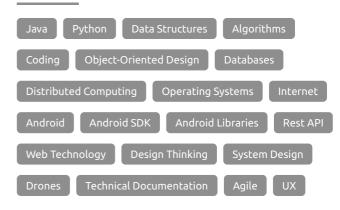
Diploma in CSE

Government Polytechnic Mahoba

06/2010 - 05/2013

Mahoba, India

SKILLS



PROJECTS

Trailer Identification in Yard (07/2018 – Present)

 Developing an android app for flight operation of DJI Drones using DJI Android SDK for Mission Planning and Tracking on Maps.

Warehouse Inventory Reconciliation (05/2018 – Present)

Developing android apps to generate report for warehouse inventories using drone video feed. Inventory Identification & Reconciliation involves barcode/ QR code recognition, Text Recognition, Pallet Detection.

Global Employee Self Services (04/2017 - 04/2018)

- Developed an android application for Employee Claims.
- Developed an android and web based chat bot application for employee help desk, applying leaves, booking meeting rooms and other self services.

MLCP for Parking Management (02/2017 – 04/2017)

Developed an robot and android app base solution for Parking Management at TCS ILP Innovation Labs Trivendrum.

Soil Health Testing (06/2016 - 01/2017)

Developed a soil testing IoT Solution and android app based on Colorimetric test strips to detect N, P, K and pH contain in soil combined with crop specific recommendation.

ACHIEVEMENTS AND CERTIFICATES

PyTorch Scholarship Challenge from Facebook

Accomplished the PyTorch Scholarship Challenge from Facebook for PyTorch Deep Learning Nano-degree course at Udacity.

Google India Challenge Scholarship

Accomplished the Google India Challenge Scholarship for the Android Developer track at Udacity E-LEARNING

Innovate for Social Impact in Food and Agriculture

Awarded Impact Innovative Problem Solving and Digital Technology Implemented Solution.

Google Cloud Platform Fundamentals: Core Infrastructure

Google Cloud Certification | Coursera

Software Development Fundamentals

Software Development Certification | Microsoft