GANESH R HEGDE

SENIOR SOFTWARE ENGINEER

PROFILE

Experienced Software Developer and Corporate Trainer adept in bringing forth expertise in design, development, testing and maintenance of software applications. Equipped with a diverse and promising skill-set with over 14 years of experience including 10 years of experience in Android Development. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

PROFESSIONAL EXPERIENCE

December 2015–Present | Reliance Jio, Navi Mumbai

Senior Manager

- Developed and maintained 15 Android apps used by 1700 telecom fibre engineers of Jio to create telecom network inventory data of around 3 lac kilometres across India using ArcGIS, Google Maps, Kotlin and Java.
- Worked in collaborative team of 10 engineers and delivered Android app called Jiometry in a span of 6 months used by 12,000 operators, technicians and Jio engineers to capture 50 million building data.
- Development, Support, Maintenance and Enhancements for other telecom GIS Android apps related to Equipment and Optical Fibre Cable Fault rectification, operations, and maintenance, patrolling and network Engineering for the mobile apps.

July 2014–October 2015 | Cybertech Systems and Software,Thane

Software Engineer

- Developed Android app for Government of Karnataka for capturing of various agricultural and land related assets using GIS and Java.
- Delivered two Android apps as a consultant at Reliance Jio.

January 2014–June 2014 | Glamble Gaming Limited, Mumbai

Software Engineer

Created and delivered **two mobile apps** – Sudoku Solver and Picture Puzzles App called Guessathon.

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hegde10122@gmail.com

LinkedIn

GitHub

EDUCATION

June 2009 - June 2011
IIIT Bhubaneswar
MTech, Computer Science,
CGPA 8.51

June 2008 - June 2011
Symbiosis Centre for Distance Learning
Post Graduate Diploma in Information Technology,
79%

June 1999 - June 2003
Mumbai University
Bachelors in Instrumentation Engineering,
60.27%

SKILLS

Android App Development

Java Programming

Kotlin

PostGIS

Spring Boot

Python

January 2012–January 2014 | Indian Institute of Technology Bombay, Mumbai

Software Engineer

- Created and delivered five mobile apps for exam quiz, e-book reader, student response system and trigonometry for Aakash Tablet R&D Project, Govt of India. Conceptualised and created content in Marathi and English for the app.
- Trained teachers and ninth-grade students in four schools in Pandharpur, Maharashtra. Research successfully implemented to create app for perfectly readable Indic fonts and Math ligatures using Java, HTML5, JQuery and Cordova.
- Created and delivered mobile app in a collaborative team of 6 engineers for GATE examination student attendance verification system in 2013 Aakash Tablet R&D Project, Govt of India.

July 2006–July 2009 | Research International, Mumbai

Data Analyst and Programmer

- Created applications for multiple clients like Diageo and Kantar Research – Singapore, Japan and Hongkong using C and Quantum programming language to clean and mine data.
- Created scripts for data analysis, data profiling, statistical analysis and reporting.

June 2003–June 2005 | VIATA Limited, Mumbai

Senior Industrial Automation Engineer

- Created and delivered three turnkey projects for various clients using Programmable Logic Controller developed by Siemens and Allen-Bradley.
- Created and delivered two turnkey SCADA projects for various clients.
- Trained 100 – 125 professionals on PLC and SCADA programming using Allen-Bradley and Siemens software.

RESEARCH AND PUBLICATIONS

- Won First Prize for best technical paper presentation at the ESRI India User Conference Kolkata 2019 for "GIS Asbuilt Data Capture for Network Inventory".
- Research Paper titled "An Efficient Approach to Extract Characters from License Plate" accepted at the 3rd International Conference on Computer Modeling and Simulation (ICCMS) held at Mumbai in January 2011.
- Generic Automation License Plate Localization and Character Extraction, COMSNETS 2011, IEEE Computer Society, Bangalore, January 2011.
- Research Paper titled "A novel simple secure Internet Voting Protocol" accepted at the International Conference on Communication, Computing and Security (ICCCS 2011) held at National Institute of Technology, Rourkela, Odisha State, India.
- Research Paper titled" A Novel Algorithm to Extract Connected Components in a Binary Image of Vehicle License Plates" accepted at the International Journal of Electronics, Computers and Communication Technologies (IJECCT), Jan 2012.

NATIONALITY

Indian

DATE/PLACE OF BIRTH

02-March-1982,Dombivli

HOBBIES

Samarpan Meditation
Correspondence Chess Expert

LANGUAGES

English

Hindi

Marathi