

# Vinod Kumar Karantothu

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## PROFILE:

*"Newly graduated software engineer with proficient programming skills in Java and C/C++. Seeking full-time employment as a software engineer in which my experience, skills, and education will be of value".*

## SUMMARY:

- Proficient programming skills in C, C++, and Java languages. Beginner with Python.
- Experienced in Agile Development process for diverse requirements.
- Demonstrated ability to execute tasks independently and as a team member.
- Excellent interpersonal and communication skills; skilled at developing professional relationships with diverse cultures.
- Willing to update my knowledge and learn new skills to perform efficiently. Undoubtedly a fast learner.

## EDUCATION:

- M.Sc. in Software Engineering  
**Blekinge Tekniska Högskola** (<https://www.bth.se>) *Karlskrona, Sweden Jun'2018.*
  - Related Course work: Research Methodology, Software Testing, Software Architecture and Quality Management, Agile and Lean software development, Software Quality and Management, Software Metrics.
- B.Tech. in Computer Science and Engineering  
**Jawaharlal Nehru Technological University** ([www.jntuh.ac.in](http://www.jntuh.ac.in)) *Hyderabad, India Dec'2016.*

## TECHNICAL SKILLS:

- **Programming Languages** : Java SE, C++, C, SQL, Python, Bash, JavaScript, HTML
- **Tools** : Eclipse, IntelliJ IDEA, Git, Docker, Maven, Visual Studio Code
- **Databases** : MySQL, PostgreSQL
- **Cloud Platforms** : Microsoft Azure
- **Test and Automation** : Junit, Selenium, Appium
- **Operating Systems** : Linux (Debian) and Windows OS

## TRAINING:

- **Hardware and Networking – 2013 – HYDERABAD, INDIA**  
Computer hardware and peripherals for installation, PC assembly, troubleshooting and maintenance including software installation and system management.

## LEADERSHIP EXPERIENCE:

- Microsoft Student Partner  
Microsoft, Hyderabad, IN *Dec'2015- Jan'2017*
- Technical Fest Coordinator  
JNTU University Hyderabad, IN *Feb'2016- Mar'2016*

## CERTIFICATIONS:

Codility Golden Award (Future Mobility) with Volvo Cars

Validity: Sep 2018 – Sep 2022

Link: <https://app.codility.com/cert/view/certKHHNEB-CVUEVVVJ6FJZ9UHV/>

Codility Golden Award (Bromum 2018) with Betsson Group

Validity: Oct 2018 – Oct 2020

Link: <https://app.codility.com/cert/view/certJ42WRA-ENNXSZDG45PXXPOK/>

Codility Golden Award (Krypton 2018) with Okta

Validity: Oct 2018 – Oct 2020

Link: <https://app.codility.com/cert/view/certVXH9PK-VRV73VDAQDDJ84XK/>

## ACADEMIC PROJECTS:

- **Protection of Privacy of Multiple User Datasets:** Implementation of user privacy preservation mechanisms in cloud data storage and resolve the challenges for existing mechanisms.  
Responsibility: Researcher, Developer Technologies: JSP, Java, HTML, JavaScript, MySQL, NetBeans IDE
- **Patterns and anti-patterns applying Agile:** Literature review and proposal of a research idea to investigate on the patterns and anti-patterns in agile software development and their consequences.
- **Static and Dynamic Automated Testing of an Open Source Software:** Static and dynamic analysis of an opensource software project Feedback Monitoring and Gathering tool.  
Responsibility: Testing, Report documentation Tools: FindBugs, PMD and Selenium
- **Software Analysis for predicting Maintainability:** Metrics calculation for Jsonitor software using open source tools and evaluation of the maintainability of the software.  
Responsibility: Testing, Analysis Tools: STAN, Eclipse Metrics (Eclipse IDE), Metrics Reloaded (IntelliJ)
- **Online File Storage Application (btBox):** Developed an online file storage web application. Project is to get in practice with Agile and Lean Development methods and practices.  
Responsibility: Developer and Scrum Master Technologies: HTML, CSS, JavaScript, PHP, MySQL

## LANGUAGES:

●●●○ English (C1) ●●●○ Telugu (C1) ●●●○ Hindi (C1) ●○○○ Swedish (A1)

## REFERENCES:

\* Will be furnished upon request.

## OTHER INFORMATION:

- Availability: Immediately, Willing to relocate (100%)
- Flexible to any company training if needed; willing to learn new technologies

Sincerely,  
**VINOD KUMAR KARANTOTHU**