

Vinod Kumar Karantothu

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PROFILE:

"A Software Engineering graduate who has proficient programming knowledge in Java and C/C++. Looking for a challenging position as software engineer that will utilize my skills and experience in a company for growth and advancement".

SUMMARY:

- Competitive 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. s
- B.Tech. in Computer Science and Engineering
Jawaharlal Nehru Technological University (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.

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/>

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

LEADERSHIP EXPERIENCE:

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

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