Vinod Kumar Karantothu

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PROFILE:

"Software engineering enthusiast 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   exp. Jun'2018.*
- 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.

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-ENNXSZDG45PXXPQK/*

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