DINESH REDDY PAMURU

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PROFILE

As a recent Computer Science graduate from Aurora's Technological and Research Institute, I am actively seeking employment in a role that aligns with my skill set. Proficient in Java, object-oriented programming (OOP), HTML, CSS, Java Database Connectivity (JDBC), and Java 2 Platform, Enterprise Edition(J2EE), I am passionate about contributing to web development and security.

EDUCATION

- **Aurora's Technological and Research Institute**, Hyderabad — **CGPA:6.50**
BTech(Computer Science and Engineering) — **2019-2023**

- **Sri Chaitanya Junior College**, Vijayawada — **CGPA:9.56**
Intermediate(Mathematics, Physics and Chemistry) — **2017-2019**

- **PRKR Gowthami High School**, Darsi, Andhra Pradesh — **CGPA:9.50**
Tenth Grade — **2016-2017**

WORK EXPERIENCE

- **Java Developer Intern, Coding Samurai** — **OCT-NOV, 2023**

PROJECTS

- **Fraud Detection Model for Water Consumption| Python, HTML, CSS, SQL**
-Utilized Support Vector Machines (SVM) and K-Nearest Neighbors (KNN) algorithms to efficiently identify anomalous patterns in water usage data.
-Achieved a significant 15% reduction in billing errors and corrupted meter data through the implementation of the fraud detection model.
-Contributed to maintaining data integrity, ensuring fair billing practices, and detecting potential instances of fraud or misuse in water consumption records.

- **Web Application Security Enhancement Project | HTML, CSS, Python, SQL**
- Employed the Robust Software Modeling Tool (RSMT) for real-time behavior analysis, significantly enhancing attack detection capabilities within web applications.
-Achieved a substantial 20% increase in the accuracy of detecting and mitigating potential security threats by leveraging the RSMT for runtime behavior analysis.
-Played a pivotal role in reducing the susceptibility of web applications to attacks, thereby strengthening overall cybersecurity measures.

TECHNICAL SKILLS

- Languages: Java (Core and Advanced), Basics of Python
- Full Stack Development : HTML, CSS, Java Backend, OOPS, JDBC, J2EE
- Database: Mysql
- Frameworks: Bootstrap, Hibernate, Spring-core
- Developer Tools: IntelliJ, VS Code, Git, Eclipse

CERTIFICATIONS AND HONORS

- **Full Stack Web Development**, Tap Academy, Bengaluru.
- **Java Expert** , IT-ITeS SSC NASSCOM.
- **Solved 500+ problems** on Codechef, Leetcode, Hackerrank and Tapacademy tai platform.