KANISHK PUNEKAR

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Education

Pune Institute of Computer Technology	July 2021 – May 2025
Bachelor of Engineering: Computer Engineering	*CGPA: 8.59*
Modern Education Society	2021
Higher Secondary Education (12th)	*Percentage: 95.83*
Adarsh Public School	2019
Secondary Education (10th)	*Percentage: 91.40*

Experience

SALORIX CONSULTANT PVT.LTD — Jan 2024 – Apr 2024
Java Intern — *Pune, Maharashtra*
- Used Spring Boot for developing a login page for a Wise-Peny (Billing System) application
- User login with a secure dashboard with product purchase tracking and also sales management.
- Used Concept of Spring Security for role based authentication
- Managed Database using Spring Data JPA

Projects

Multi-threading Stopwatch in Java | *Java, Java Swing (for GUI)*
- Designed and implemented a stopwatch application in Java utilizing **multi-threading** concepts for precise timekeeping.
- Utilized java's **THREAD** class and **synchronization** techniques to create independent threads for accurate time measurement
- Implemented start, stop and reset functionalities for the stopwatch

Advanced Threaded Binary Tree | *C++*
- Engineered a threaded binary tree with efficient in-order, pre-order, and post-order **traversals**, avoiding extra space and recursion.
- Developed robust insertion and deletion algorithms to dynamically manage tree structure and maintain integrity.

Balanced AVL Tree | *C++*
- Created a high-performance AVL tree with **self-balancing** features to ensure logarithmic time complexity.
- Developed comprehensive **rotation functions** (left, right, right-left, left-right) to ensure dynamic balance adjustments during insertions and deletions.

CatalogPro | *Spring MVC,Spring ORM,Spring Security*
- Developed CatalogPro, a **web application** utilizing Spring MVC and Spring ORM for efficient electronic appliance inventory management
- Effortless **CRUD** Operations: Users can seamlessly add, update, and delete appliance entries
- Secure **Authentication**: Implemented user authentication via Spring Security for data protection

Blogify(Blogging Application) | *Spring Boot,Spring Security(JWT Authentication), Spring Data JPA,React and Swagger*
- Implemented CRUD operations and **RESTful APIs** for seamless post management, enhancing content creation, updating, retrieval, and deletion,with **React js** as the frontend to provide a dynamic and responsive user interface.
- Used MultipartFile and InputStream for **image uploading**, enhancing image handling in the Post entity.
- Added category-based filtering , search functionality and implemented **pagination**
- Integrated **JWT** authentication for secure user access and data protection, and used **Swagger** for clear and accessible API documentation.

Technical Skills

Languages: Java,C,C++, HTML/CSS, SQL
Coursework: DSA,OOP,Spring MVC,Spring Security,RESTful Web Services,DBMS,Operating System
Developer Tools: VS Code, Eclipse, Spring Tool Suit,Workbench,Postman
Technologies/Frameworks:Spring Boot,GitHub,Bootstrap,Thymeleaf

Leadership / Extracurricular

- Elected by peers and school faculty during school years; demonstrated leadership, communication, and organizational skills.
- Operations Team Member, INC (2023 and 2024): Collaborated with a team to streamline processes and enhance operational efficiency