Ayush Dhar Dwivedi

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SKILLS

- **Languages**:   Java,C-Programming
- **Frameworks**:   HTML, CSS ,Java Swing , Data Structures, Analysis of algorithms, Scrum(Agile),Next.js
- **Tools/Platforms**:   MySQL , Junit , TestNG , Maven, Selenium, Bugzilla, Git, Github, Appium, Katalon studio, JMeter, Jenkins, CICD
- **Soft Skills**:   Problem-Solving, Team Player, Project Management, Adaptability, Quick learner,Leadership

INTERNSHIP

CODSOFT, Remote, India

Java Programming Intern   **May 2024 – June 2024**

- Participated in the full software development lifecycle, from requirements gathering and design to coding, testing, and deployment.
- Developed, tested, and maintained Java-based applications to enhance system functionality and efficiency.
- Assisted in debugging and troubleshooting complex issues within existing codebases, ensuring timely resolution and minimal system downtime.
- Conducted code reviews to maintain code quality and consistency and provided constructive feedback to peers.
- Identified and fixed critical bugs, reducing the bug occurrence rate by 10% through rigorous testing and proactive issue resolution.

PROJECT

University Management System (UMS)   **March 2024 – April 2024**

Technologies Used: Java, JDBC, Swing, AWT

Description: Developed a comprehensive University Management System designed to streamline administrative tasks and enhance data management for students and teachers.

Key Features:

- **User Authentication:** Implemented secure registration and login functionalities for students and teachers.
- **Data Management:** Enabled updating, and retrieving data of students and teachers, for efficient record- keeping.
- **User Interface:** Designed an intuitive and user-friendly interface using Swing and AWT to enhance user experience.

Amazon Price Tracking Application (EasyDeals)   **June 2024 – July 2024**

Technologies Used: HTML, CSS, JavaScript, TypeScript, Cheerio, Nodemailer, Next.js, SQL, Puppeteer API

Description: Developed a price tracking application (EazyDeals) using Next.js, enhancing user experience with a dynamic, responsive design. Implemented web scraping techniques to extract product data from multiple Amazon websites globally, ensuring accurate price monitoring and real-time notifications for users

Key Features:

- **Automated Web Scraping** – Extracted product prices, reviews, and availability using Puppeteer & Cheerio with 95% reliability across 5 countries.
- **Price Alert System** – Integrated NodeMailer to send real-time email notifications when product prices drop below user-defined thresholds, helping users save an average of 15%.
- **Multi-Site Tracking** – Monitored over 100+ products across different Amazon domains.

CERTIFICATES

- Java Foundation Certificate by TESTDOME.   May 2024
- Project in self paced core concepts of java by DEVTOWN   May 2024
- Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate by ORACLE   June 2024

ACHIEVEMENTS

Dean's List: Recognized for academic excellence, consistently placed on the Dean's List since August 2022.

Developed EazyDeals: Created a price tracking application using Next.js & Puppeteer, achieving 95% accuracy in product data extraction across 5 countries.

EDUCATION

Lovely Professional University   Punjab, India
Bachelor of Technology - Computer Science and Engineering;   *Since August 2022*

DAV Public School   Uttar Pradesh, India

Intermediate; **Percentage: 82.6%**   *April 2020 - March 2021*