

# Ayushi Lodha

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## EDUCATION

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### B.N.M. Institute of Technology, Bangalore, Karnataka

*Bachelor of Engineering in Information Science*

Aug. 2019 - Aug. 2023

*CGPA: 8.37*

### Sophia Senior Secondary School, Bhilwara, Rajasthan

*12Th Std.*

Apr. 2017 - May 2018

*CGPA: 7.40*

### Sophia Senior Secondary School, Bhilwara, Rajasthan

*10Th Std.*

Apr. 2015 - May 2016

*CGPA: 9.0*

## PROFESSIONAL EXPERIENCE

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### Associate Software Engineer

*Incture Technologies, Bengaluru*

Aug 2023 - Present

#### Compensation Advisor Client Implementation

*ReactJS, ReduxJs, SAP Business Technology Platform*

- Developed and delivered an enterprise-grade Compensation Management software to automate compensation process for a leading **American multinational consumer products company**.
- Reduced manual effort by **60%** and improved processing time by **40%** through automation of payout processes, approval workflows, and implementation of modules for managing payouts, approvals, and budget metrics.
- Enhanced user experience for over **6000** enterprise users by introducing **adaptive** administrative settings for better control and customization.

#### Incture CherryWork - Compensation Advisor

*ReactJS, ReduxJs, SAP Business Technology Platform*

- Implemented a comprehensive compensation management application from the ground up as part of the **Incture CherryWork suite**, utilizing **ReactJs**, **ReduxJs**, and libraries like **Material UI** and **React-Apexcharts**.
- Managed code versioning using **Git** and collaborated with a development team of **15**, ensuring smooth integration and efficient deployment processes.
- Optimized code quality by reducing **75%** of code smells and technical debt through in-depth **SonarQube** analysis, boosting maintainability and reliability.

#### Compensation Genie

*SAPUI5, SAP Business Technology Platform*

- Designed, built, and rolled out an innovative application for a leading **US energy client** using **Business Application Studio (BAS)** and **SAPUI5**, streamlining employee compensation management on **SAP BTP**.
- Improved user adoption by **25%** through a user-friendly interface and interactive dashboards, processing over **3000 employee compensation records**.
- Documented technical and functional requirements, including user stories, to ensure clarity and alignment throughout the project lifecycle.

## INTERNSHIP

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### Student Intern

*Incture Technologies*

Feb 2023 - July 2023

*Bengaluru, India*

- Built two **SAPUI5** applications using **SAP BAS**, integrating **OData** services to enhance data management efficiency.
- Collaborated with cross-functional teams to ensure a seamless user experience and maintain consistent UI design for internal projects.
- Portfolio using SAPUI5** - <https://github.com/ayushilodha/SAPUI5-Portfolio>

## PROJECTS

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### Portfolio | *ReactJs*

- Created a personal portfolio website using **ReactJs** to showcase my skills, projects, and achievements as a software developer.
- Integrated various **React** libraries including **Material UI**, **React-Redux**, **React-Vertical-Timeline**, **React-Apexcharts**, and **React-Swipeable-Views** to enhance the user interface and functionality.
- **Github Repository:** <https://github.com/ayushilodha/React-Portfolio>

### Analysis and Prediction of Crime Hotspots | *Python, HTML, CSS, JavaScript*

- Developed a web application for analyzing, predicting, and visualizing crime hotspots on an interactive **map**.
- Implemented a stacked generalization machine learning approach, achieving **86%** accuracy in crime prediction.

## TECHNICAL SKILLS

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- **Languages:** C, C++, Python, Java, JavaScript, MySQL
- **Frameworks & Libraries:** ReactJs, ReduxJs, SAPUI5, Bootstrap
- **Web Technologies:** HTML, CSS
- **Developer Tools:** Business Application Studio (BAS), SAP Business Technology Platform (BTP), Git, VS Code, Visual Studio, PyCharm, Tableau

## CODING PROFILES

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- **GeeksforGeeks:** <https://auth.geeksforgeeks.org/user/ayushilodha/profile>
- **LeetCode:** <https://leetcode.com/ayushilodha/>
- **Hackerrank:** <https://www.hackerrank.com/Ayushi21>