

## ERONITION PRESLEY

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### EDUCATION

**Northeastern University, Khoury College of Computer Science, Boston, MA** GPA: 3.16 **Sept 2024-Present**

Master of Science, Computer Science

**Relevant Courses:** Programming Design Paradigm, Database Management, Algorithms, Foundations in AI

**Loyola ICAM College of Engineering and Technology, Chennai, India**

**June 2022**

Bachelor of Technology, Information Technology

**Relevant Courses:** Data Structures, Design and Analysis of Algorithms, Big Data Analytics, Computer Graphics and Multimedia, Web Technology, Computational Intelligence, Cryptography and Network Security

### TECHNICAL SKILLS

**Programming Languages:** C++, Python, Java, HTML, CSS, JavaScript, SQL, ReactJS, TypeScript, PHP, Golang, C# Shell scripting

**Frameworks:** AngularJS, Angular, Node.js

**Databases:** MongoDB, MySQL, Oracle, MS SQL Server

**Tools & Libraries:** GIT, GDB, Firebase, Postman, TensorFlow, Pandas, NumPy, Matplotlib, Docker, Kubernetes, CI/CD automation

### WORK EXPERIENCE

**Software Analyst, Capgemini, India**

**Oct 2022-Jun 2024**

- Developed and deployed 50+ custom workflows, business rules, and client scripts in ServiceNow, streamlining ITSM processes, automating tasks, enhancing efficiency, and significantly improving service delivery across multiple departments and teams
- Engineered seamless integrations with Jira, SCCM, and Active Directory using REST/SOAP APIs, reducing manual data entry by 30%, streamlining workflows, enhancing collaboration, and significantly boosting productivity across teams and departments
- Automated 80% of key business processes using Flow Designer and Scripted APIs, reducing manual effort, minimizing errors, and enhancing service response times. Enhanced debugging processes, reducing runtime issues by 25% and improving error-handling

**Pinaca Labs Pvt Limited, IIT Madras Research Park, Chennai**

**Dec 2021-Mar 2022**

**Machine Learning Engineer Intern**

- Designed and implemented machine learning models for language translation using NLP techniques, optimizing Transformer models to improve translation accuracy across multiple languages
- Assessed model performance using various metrics, including BLEU scores, to validate translation accuracy, improve reliability, and ensure the models met industry standards and client expectations
- Collaborated with senior machine learning engineers to understand the latest advancements in NLP and applied those techniques to improve model efficiency, scalability, accuracy, and overall performance across diverse language translation tasks

**Loyola-ICAM College of Engineering and Technology, Chennai**

**June 2020-May 2022**

**Pattarai Committee Member**

- Served as Vice President for 6 months, leading team activities and demonstrating strong leadership skills
- Coordinated technical workshops and hands-on sessions, ensuring engaging and well-structured learning experiences
- Fostered collaboration across diverse student groups, encouraging inclusivity and driving team performance

### CERTIFICATION

- AWS Certified Cloud Solutions Architect–Associate:** Demonstrates expertise in designing and deploying secure, scalable systems
- ServiceNow Certified System Administrator:** Proficient in managing ServiceNow instances, workflows, and system configurations; completed CSA and Vancouver Delta certifications

### PROJECTS

**ERP Marks Module**

HTML, CSS, PHP, SQL

- Designed an ERP-based marks module to streamline the college grading system, replacing manual registers with a digital system, improving data accuracy, accessibility, and reducing administrative workload
- Utilized a user-friendly interface to ensure easy adoption by faculty and administrators, enhancing the overall efficiency, accuracy, transparency, and reliability of the grading process across departments and institutions

**Image Processing and Transformation System Technologies**

Java, Java Swing

**September 2024- Dec 2024**

- Designed a modular MVC architecture to support scalability and tested the system across 50+ scenarios, achieving 100% functionality accuracy
- Implemented 15+ image processing features, including advanced transformations like RGB split/combine, histogram visualization, and enhanced error handling. Reduced processing times to under one second per operation and improved debugging process.