

# PUNEETH SHARMA

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## SKILLS

**PROGRAMMING** | C • C++ • Java • Python • Golang

**DEVELOPMENT** | Web (Frontend and Backend) • Android • HTML • CSS • Javascript • Typescript • React.js • Node.js • Express.js • Bootstrap • Angular • Apache Tomcat • Maven • Git and GitHub • Software Development Lifecycle Methods

**DATABASES** | DBMS • SQL • NoSQL • MongoDB • Oracle

**MISCELLANEOUS** | Data Structures and Algorithms • Object Oriented Programming • AWS Services • Linux • Machine Learning • Adobe Photoshop • Rego • MS Office • Cloud Security • Lucene

**SOFT SKILLS** | Communication • Leadership • Team leader • Result Driven

## EXPERIENCE

**ZL Technologies Pvt Ltd | Java, Oracle, Apache Tomcat, Maven**

**Software Engineer | Sep 2024 – Till**

- Enhancing and optimizing the core product functionalities using core Java, leading to 2X better usability as a backend engineer.
- Handling the databases so that the deleted entries are also maintained in the DB and making quick access to data when needed.

**AVERLON INCLUSIVES | Golang, Rego, AWS Services, Git**

**Software Engineer Intern | Jan 2023 – Jul 2023**

- Developed and implemented a highly accurate (100%) security detection system that automatically identifies misconfigurations and vulnerabilities in AWS public cloud resources, enhancing cloud security and reducing risk.
- Contributed over 100 Rego rules to detect misconfigurations, leveraging Golang for codebase interaction and Git for version control, significantly improving cloud security posture.
- Some of AWS services on which Rego rules were implemented include IAM, RDS, Ec2, Lambda Functions, ApiGateways, Cloudfront, AccessAnalyzers etc., and also exposed to containers like Docker.
- Enhanced cloud security by implementing Rego rules to address over 300 detected security flaws and errors, mitigating risks and ensuring compliance.

**AMAZON | Machine Learning**

**Apprenticeship | Jun 2022 – Jul 2022**

- Participated in Amazon Machine Learning Summer School 2022, gaining hands-on experience with data science techniques and enhancing skills in several ML techniques.
- Expanded data science capabilities by mastering supervised and unsupervised learning techniques, including regression, classification, and random forests, doubling my proficiency in the field.

## PROJECTS

**DailyINFO – News application ([Link](#))**

**HTML, CSS, Javascript, NEWS API, React.js**

- Built a real-time news application using React, providing global news updates with the ability to make 1000s of API calls and display author and source information, enhancing user experience and accessibility.

**Flight ticket prediction ([Link](#))**

**Machine Learning, Jupyter Notebook**

- Developed a machine learning model to predict flight ticket prices with 83% accuracy, empowering users to plan their travel more effectively and make informed decisions.

**E-Care Android application ([Link](#))**

**Java, Android Studio, SQLite Database**

- Created a comprehensive health pharmacy application that integrates medicine information, lab test results, and doctor consultations, providing users with a convenient and centralized platform for managing their needs.

**URL Shortner/Compressor ([Link](#)) MongoDB, HTML, JS**

- Developed a URL Shortening service to reduce complex URLs and store in database.

## EDUCATION

**National Institute of Technology (NIT) Kurukshetra**

B.Tech. Electronics and Communication Engineering

May 2024 | CGPA 8.96

**Narayana Junior College**

10+2 Intermediate

Apr 2019 | CGPA 9.92

**Balaji Public School**

Secondary Education 10<sup>th</sup>

Apr 2017 | CGPA 9.7

## CERTIFICATIONS

- Artificial Intelligence and Machine Learning** – NIT KKR
- Cybersecurity Foundations** – LinkedIn
- Google Cloud Certification** - Coursera
- Complete HTML5 Certification** - Udemy
- Python Certification** – Hacker Rank Other certifications in programming with C++, SQL

## ACHIEVEMENTS AND HOBBIES

- Gold Medalist in National Mathematics Olympiad
- Goldman Sachs – Virtual Internship in Encryption & Hashes
- Member of 2+ technical societies of NIT KKR
- 805<sup>th</sup> among 11k+ participants in Accio-Wars Coding contest,
- Participated in Google Kickstart 2022, Playing Cricket & Chess

## REFERRAL LINKS

- [GeeksForGeeks](#)
- [LeetCode](#)
- [CodeChef](#)