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EDUCATION

Examination	University	Year	CGPA/%
B.Tech Software Engineering	Delhi Technological University	2021-25	9.63
AISSCE (Class XII)	Salwan Public School, Rajinder Nagar	2020	96.2%
AISSE (Class X)	Salwan Public School, Rajinder Nagar	2018	97.2%

EXPERIENCE

- **Software Engineer Intern** | **Atlassian** | Certification *(June '24 – July '24)*
  - Developed the **Release Health Score (RHS)** measure by incorporating **7+ data signals** to evaluate the overall health of **Jira**/**Confluence** releases
  - Created the **Pre-Release Health Index (PHI)** measure to assess the health of a release before it goes live
  - Designed **2 dashboards** using **Atlassian Analytics** to visualize current data and backtrack **RHS** and **PHI** measures

- **Inspire Internship Science Camp** | **Shivaji College, University of Delhi** *(July '18)*
  - Acquired knowledge in the field of **nanotechnology** and conducted **10+ science experiments**

ACADEMIC PROJECTS

- **ChatterNet** | Node.js, Express.js, MongoDB, Docker, Kubernetes, RabbitMQ, GitHub Actions, AWS | GitHub Link
  - Developed a distributed **social media platform** by designing **5+ independent microservices** to ensure modular growth
  - Optimized **inter-service communication** and automated deployment pipeline, achieving a **33%** reduction in **latency**

- **INTAL** – *BigInteger Class* | GitHub Link
  - Leveraged concepts of **Object Oriented Programming** to implement a BigInteger class
  - Implemented an advanced **C++** class to perform arithmetic operations and compute Fibonacci and Factorial for **large integers** using **strings**, boosting performance by **35%**

- **Stock Price Prediction** | Python, NumPy, Pandas, Scikit-learn, Jupyter Notebook | GitHub Link
  - Incorporated ML techniques to predict **Google's opening stock price** for the month of January (2017)
  - Implemented a ML model using **4 layers** of **Long Short-Term Memory (LSTM)** network

TECHNICAL SKILLS

- **Languages:** C/C++, Java, Python, SQL, JavaScript, TypeScript, HTML, CSS
- **Technologies**/**Tools:** Spring Boot, MERN, PostgreSQL, GraphQL, AWS, Docker, Kubernetes, Databricks, Git, Jira
- **Coursework:** Data Structures and Algorithms, Object Oriented Programming, Database Management System, Operating System, Computer Networks

ACHIEVEMENTS & AWARDS

- Published research paper Fine-Tuned LLMs in Software Defect Prediction in Springer LNNS (SCOPUS Indexed), **International Conference on Data Analytics & Management** (ICDAM 2025)
- **Rank – 1** holder in **Software Engineering** Department
- Selected among the **top 3000** students out of **85,000+** registrants for the **Amazon ML Summer School '24**
- Secured **Global Rank – 517** and **All India Rank – 135** in **LeetCode Biweekly Contest 133**
- Won **2nd** Prize in **Sportech '22** held at IIT Delhi
- Secured **2nd Position** among **1750** participants in HT GIFA organized by Hindustan Times
- **National Topper** for securing **100** in **Mathematics** in AISSE (Class X) and AISSCE (Class XII)
- Secured **All India Rank – 11941** in JEE Main 2021

EXTRA-CURRICULAR ACTIVITIES

- **Student Mentor** | **Desh Ke Mentor Program** | Certification *(Jan '22 – Apr '22)*
  - Conducted **5+ online sessions** for clearing **students' doubts**
  - Guided and assisted **10+** underprivileged students in their **career exploration** journey

- **DTU Football Team** – Assisted the college football team throughout the season as a **right winger**

- **State Level Athlete** – Secured **1st Position** in 100m (Zonal), 4×100m relay and Triple Jump categories in Inter-Zonal Athletics Championships | Qualified for the **Delhi State Athletics Championship** in Under-19 **4×100m** relay and **Triple Jump** categories