Eshan Sud

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# **Summary**

Detail-oriented software developer pursuing a B.Tech in Computer Science and Engineering with a CGPA of 9.69. Passionate about coding and committed to continuous learning, seeking a Software Development Engineer (SDE) role to leverage my skills in Python, Java and Web Development for creating innovative and impactful solutions.

# **Education**

**Manipal University Jaipur** Expected July 2026

* Current CGPA : **9.69** Branch : Computer Science and Engineering
* Academic Scholarship recipient
* Dean's List of Excellence recipient for three consecutive semesters
* Head of Social Media at E-Cell MUJ (2023-2024)

**Delhi Public School Mathura Road** July 2022

* CBSE 10th (2020) : 88.6%
* CBSE 12th (2022) : 96.8%
* Scholar Badge Award recipient for excellence in AISSCE exams (2022)

# **Experience**

**Exato Technologies Pvt Ltd** June – August 2024

SDE Summer Intern Noida

* Developed an advanced **Speech-to-Text** system incorporating **Speaker Diarization** and **Sentiment Analysis** using **OpenAI-Whisper** and **Python**, including **fine-tuning** ofpretrained **models** for enhanced accuracy.
* Developed an Optical Character Recognition**(OCR)** system with **Tesseract-OCR** and **Python** alongside an **Invoice Scanning System** with **Invoice2data**, achieving high accuracy in automated text extraction.
* Created an **XLSB to XML converter** using **Python**, streamlining data workflows.
* Developed **Login/Signup** features, **client and server-side routing**¸ **JWT-based** **authentication** using the **MERN** stack and successfully **integrated** the project with the **Invoice Scanning system**.

# **Projects**

**Virtual Signature Creator |** HTML5, CSS3, JavaScript | **[github.com/eshan-sud/virtual-signature-creator]**

* Developed a responsive website designed for creating virtual signatures on any device.
* Implemented custom dark mode, and user customization settings for stroke colour, width, background colour, and file type downloads (PNG, JPG, PDF).

**GUI Based Bank Management System |** Java, FX, Swing, AWT **| [**[**github.com/eshan-sud/bank-management-system**](https://github.com/eshan-sud/bank-management-system)**]**

* Developed a GUI-based system with user and admin logins, secure authentications, and administrative functionalities for managing customer accounts.
* Robust system for creating new customer accounts, facilitating secure login procedures, and providing administrators with exclusive access for managing system operations.

# **Certiﬁcations**

**Oracle Cloud Infrastructure 2024 Generative AI Certified Professional** | Oracle University | Jul 2024  
**Discrete Math : Propositional Logic Masterclass** | Udemy | Nov 2023  
**Programming, Data Structures and Algorithms using Python** | NPTEL | Sep 2023

# **Technical Skills**

**Programming Languages** : Python, Java, C / C++  
**Database Management** : MySQL, MongoDB  
**Web Development** : HTML5, CSS3, JavaScript, PHP, React.JS, Node.JS, Express.JS  
**Tools** : Git/GitHub, Postman  
**Libraries/Frameworks** : Linux(Ubuntu), Bootstrap CSS, Tailwind CSS, Flask  
**Concepts** : Data Structures and Algorithms, Object Oriented Programming,  
 Operating Systems, Data Analysis, Machine Learning, GUI development