

# Tarun Gupta

## Software Developer Engineer and Designer

India, New Delhi  
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### Skills

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**Programming Languages:** Python, Java, C++, Latex

**Web Development:** HTML5, CSS3, Javascript, React.js

**Android Development:** Kotlin, XML

**Database Management:** MySQL, MongoDB

**Developer Tools:** AWS, GitHub, Vercel, Notion, Firebase, Bootstrap, Tailwind CSS, Figma

**Misc. Skills:** Leadership, Teamwork, Logistics, Badminton

### Projects

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#### Cognify [Kotlin, XML, Figma, HTML5, CSS3, Javascript]

- Developed and implemented Cognify, a cloud-based learning platform, using Kotlin and XML to automate learning techniques, integrating features such as interactive quizzes and personalized recommendations.
- Utilized Figma for UI/UX design, ensuring a user-friendly interface and seamless navigation for learners.

#### Holostry [Flutter, Blender]

- Conceptualized and developed Holostry, an educational Flutter application, leveraging AR technology to create holographic learning experiences for students, enhancing engagement and understanding of complex concepts.
- Utilized Blender for 3D modeling and animation, creating immersive visual content to augment the learning process.

#### Forestry [HTML5, CSS3, JavaScript, Shell]

- Engineered Forestry, a platform for automated vulnerability assessment, using HTML, CSS, and JavaScript for front-end development, allowing users to easily input their systems for analysis.
- Integrated Shell scripting for backend automation, enabling efficient scanning and reporting of security vulnerabilities across various operating systems.

#### Bank Management System [Python (NumPy, Pandas), MySQL]

- Engineered a comprehensive Bank Management System using Python, NumPy, and Pandas for data processing and analysis, allowing efficient management of customer accounts, transactions, and loan processing.
- Leveraged MySQL for database management, ensuring secure storage and retrieval of sensitive financial data with robust data integrity and scalability.

#### Sentiment Analyzer [Python (Boto3, Tkinter), AWS (Comprehend)]

- Developed a sophisticated Sentiment Analyzer application using Python and Boto3, leveraging AWS Comprehend for sentiment analysis.

### Education

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#### **Bennett University, Greater Noida**

B.Tech CSE specialized with Cloud Computing (Expected Graduation: May 2025) — CGPA: 8.2/10.0

#### **Aadharshila Vidyapeeth, Pitampura, Delhi**

High School (10th) - 86.4% — High School (12th) - 87.2

### Position Of Responsibility

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#### **Bennett Cloud Computing Club (BC3) - Website Developer Head**

Led website development for the club and guided a proficient team.

#### **Solace Studio - Logistics Head**

Coordinated teams and attendees during events and seminars.

### Certificates and Badges

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AWS Cloud Quest Cloud Practitioner

AWS Academy Cloud Foundations

AWS Academy Cloud Architecting

Foundations of User Experience (UX) Design

More Accomplishments