

PRATHAMESH KHANDELWAL

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EXPERIENCE

Associate Software Engineer

Tech Mahindra Ltd. | Aug 2024 - Present

- Member of the Starhub AMS Team.
- Developed an internal tool to track and analyze recurring AMS service errors, improving visibility and response time.
- Awarded the **Bravo Award (June 2025)** for performance and contribution.

Cyber Security Intern

Data InsiderS | Nov 2022 - Mar 2023

- Led a team in cybersecurity and OSINT tasks; **Winner of the Internal OSINT Event.**
 - Developed **VITA Stego**, a steganography tool using Core Java and Swing.
 - Strengthened practical cybersecurity and Java tooling skills.
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CERTIFICATIONS

- Completed 7 Badges in **Google Cloud Vertex AI Search Applications, (15th Oct 2025 to 15th Dec 2025)**
 - **Java for Beginners (Udemy)** Completed on **July 22, 2025**
 - **Cyber Security Internship Completion** Data InsiderS, **March 6, 2023**
 - **Cyber Security Workshop Coordinator** R&D Cell, Sipna COET, **October 14, 2022**
 - **Core Java Certification** Compilers (ISO Certified Institute, Amravati), **July 4, 2022**
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SKILLS

Technical Skills

- **Java**, OOP, Collections, Exception Handling
- **Google cloud** AI Applications
- **DBMS**
- **Modular Software Design**
- **Cryptography**
- **Git, GitHub, Maven**

Soft Skills

- Communication & Collaboration
 - Leadership
 - Planning & Organising
 - Active Listening
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ACHIEVEMENTS

- **Bravo Award (Tech Mahindra, 2025)** for performance in Starhub AMS project.
 - Coordinated Cyber Security Workshop at Sipna COET.
 - **Winner of Techno Vision Hackathon 2022.**
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PROJECTS

Excel Searcher App (Tech Mahindra Ltd.)

- Developed a standalone Java application using **JavaFX**, **Apache POI**, and **Maven**.
- Built an advanced search engine to scan all sheets and cells for exact and similar data tuples.
- Implemented a loader system to dynamically detect and manage system version files for scalability and performance.

Crypto-Tool (Final Year Project)

- Led a team of five to build a modular cryptographic desktop tool in Java.
 - Implemented symmetric and asymmetric encryption algorithms within a pluggable architecture.
 - Designed two custom algorithms: **Bit Manipulation Fixed Key Algorithm** and **Arithmetic No Key Algorithm**.
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EDUCATION

B.E. Computer Science and Engineering

Sipna College of Engineering and Technology, Amravati

2020 - 2024 | CGPA: 8.23

HSC (Maharashtra State Board)

Brijlal Biyani Science College, Amravati

2020 | 77.85%
