

# PRAJWAL BABANGOL

Kalaburagi, Karnataka 585103

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## Summary

Final-year Computer Science Engineering student with practical experience in **Cybersecurity** and **Full Stack Development**. Skilled in penetration testing, secure coding, and scripting for vulnerability assessment. Proficient in developing responsive web and mobile applications using modern frontend and backend technologies. Knowledgeable in authentication mechanisms, API security, and secure software development practices. Seeking opportunities in Cybersecurity or Full Stack Development.

## Education

**Alvas Institute of Engineering and Technology**

*B.E. in Computer Science - ICB(8.0 GPA)*

**Nov 2022 – Present**

*Mangalore, Karnataka*

**Doddappa Appa PU Science College**

*PCMB - 77.5%*

**Aug 2020 – Apr 2022**

*Kalaburagi, Karnataka*

**SRN Mehta High School**

*SSLC - 84%*

**June 2020**

*Kalaburagi, Karnataka*

## Work Experience

**ShadowFox**

**Dec 2023 – Jan 2024**

*Cyber Security Intern*

- Gained hands-on experience in penetration testing and vulnerability assessment using tools like Nmap, Metasploit, and Burp Suite on Kali Linux, simulating real-world attack scenarios.
- Delivered detailed reports with mitigation strategies, while enhancing understanding of ethical hacking, secure coding practices, and core cybersecurity principles through practical applications.

## Projects

**System Surveillance using Keylogger | Python**

**December 2024**

- Developed a system activity monitoring tool using `pynput` to log keystrokes for educational and parental control use.
- Implemented automated email delivery of logs, ensuring regular and secure transmission of captured data.

**Bank Management System | C++**

**February 2025**

- Built a console-based banking application supporting account creation, deposit/withdrawal operations, and balance inquiries.
- Utilized object-oriented programming and file handling to manage persistent account data securely and efficiently.

## Technical Skills

**Languages:** C, C++, Python, JavaScript, HTML, CSS, SQL,

**Developer Tools:** VS Code, Eclipse, Postman, GitHub Desktop.

**Technologies/Frameworks:** Node.js, Express.js, Bootstrap, Linux, Git/GitHub

**Cybersecurity Tools:** Nmap, Metasploit, Burp Suite, SQLmap, Wireshark, Kali Linux.

## Certifications

**NPTEL**

*cloud computing.*

*2025*

**Coursera**

*Google Cybersecurity Certificate*

*2024*

**AWS**

*Cloud Practitioner Essentials.*

*2025*

## Achievements

**NCC**

*Holder of NCC-B and NCC-C Certificates*

**Hackerrank**

*Earned a 5-star Gold Badge in C++ on HackerRank.*

**Competitive Programming**

*Solved more than 400 problems on various platforms like Leetcode, CodeChef, Hackerrank, GeeksForGeeks.*

## Activities

- Participated in a college-organized beach cleanup at Hejamadi Kodi Beach.