

# M S PRAVEEN KUMAR

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## EDUCATION

### SRM University, Chennai

August 2021 - Present

- Currently pursuing a B.Tech in Computer Science with a specialization in Artificial Intelligence and Machine Learning, with a **CGPA of 8.15** as of the 6th semester

### Velammal Matriculation Higher Secondary School, Chennai, Tamil Nadu

May 2018 - May 2021

- Completed 12th and 10th State Board examinations with **scores of 82% and 75%**, respectively
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## SKILLS

- **Programming Languages:** C, C++, Java, Python, HTML/CSS, JavaScript, PHP, Dart, SQL.
  - **Tools & Technologies:** Apache/Nginx Web Servers, Linux, GitHub, CI/CD, Docker, MySQL, PostgreSQL, MongoDB, Postman, Laravel., Flutter
  - **Additional Skills:** Secure Backend Development, API Development, Network Protocols
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## WORK EXPERIENCE

### Backend & VAPT Developer - myHealthvalet, Healthcare Platform (March 2024 - Present)

- Performed Vulnerability Assessment to identify and mitigate security risks in healthcare applications.
- Implemented encryption protocols for the clients like Hyundai, L&T and Nissan
- Initiated the redevelopment of the healthcare platform using the Laravel framework to improve security and functionality

### Technical Head - ACE Club, SRM University (August 2023 - Present)

- Led technical projects, including workshops, hackathons, and collaborative tech initiatives for club members.

### Intern - Cappricio Securities (January 2024 - February 2024)

- Gained hands-on experience in developing Python command-line tools, building a strong foundation in programming.
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## PROJECTS

- **Photogram Web App:** Developed a photo-sharing app with Core PHP and backend services by integrated Nude Detection API. [Git Link](#)
  - **REST API Server:** Developed a RESTful API server implementing user authentication and authorization for a notes application. This server handles secure login, signup, and email verification using OAuth 2.0 protocols. Once authenticated, users can perform CRUD operations on notes data. Designed for backend operations accessible through tools like Postman, focusing on secure and efficient data management. [Git Link](#)
  - **VPN Server:** Created a secure VPN server using Wireguard client and integrated MongoDB for user data management, Implemented DHCP, REST API with OAuth 2.0 for secure authentication. [Git Link](#)
  - **POS System for Cafe:** Built a QR-based POS system for GD Cafe and CSK Cafe, processing 300+ monthly orders and integrated with Razorpay for seamless payments. Key features include stock management, payment analytics, order tracking, discount management, and a multi-tier login system for branch and super admin roles with branch-specific settings. [Git Link](#)
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## CERTIFICATIONS

- Full-Stack Web Engineering
- API and Advanced Socket Programming
- Python CLI Application On Linux