

# RAJ PRASHANT MHAMANE

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## Education

<b>N. K. Orchid College of Engineering &amp; Technology, Solapur</b> <ul style="list-style-type: none"><li>Electronics and Telecommunication Engineering   CGPA: <b>7.32</b></li></ul>	<b>2021 - 2024</b>
<b>A. G. Patil Polytechnic Institute, Solapur</b> <ul style="list-style-type: none"><li>Computer Engineering, Aggregate: <b>87.43</b></li></ul>	<b>2018 - 2021</b>
<b>Saint Joseph School, Solapur</b> <ul style="list-style-type: none"><li>SSC (Class X), Percentage: <b>61.80</b></li></ul>	<b>2017 - 2018</b>

## Skills

C++ | C | Java | Python | MySQL | AWS | Data Structure and Algorithms | Object Oriented Programming | Software Testing

## Certifications

- Amazon Web Services Cloud Technical Essentials (Coursera)
- Python Programming (Coursera) | Basics of Python Programming (Infosys Springboard) | The Joy of Computing using Python (NPTEL) | Python Fundamentals (Great Learning) | Python Requests: HTTP requests using Python (Infosys Springboard) | Python Programming Basics (Hackerrank)
- Java Programming (Infosys Springboard) | Arrays and Data-types using Java (G. D. S. C & M. S. L. A) | Java Programming (Great Learning)

## Work Experience

<b>Signal &amp; Telecom Department – Central Railway, Solapur Division</b>   Project Intern	<b>Jan'24 - April'24</b>
<ul style="list-style-type: none"><li>Developed an Integrated Passenger Information System (IPIS) project, creating centralized control system for audio/visual updates across stations, boosted passenger experience with real-time information, enhancing communication and navigation by 40%</li></ul>	
<b>IT Department – Ninja Media Creations, Chennai</b>   IT Support Intern	<b>Sept'24 – Dec'24</b>
<ul style="list-style-type: none"><li>Created a secure database and tested the Software of Integrated Passenger Information System</li></ul>	
<b>IT Department – Ninja Media Creations, Chennai</b>   Technical Support Intern	<b>Feb'25</b>
<ul style="list-style-type: none"><li>Providing a backup system for announcement servers over 350+ station in India</li></ul>	

## Projects

### Integrated Passenger Information System

- Summary: Utilized Python to replicate real-world railway operations, including train running status and an advanced announcement system.
- Demonstrated technical proficiency and achieved high accuracy rates, resulting in a 30% improvement in system reliability and a 20% reduction in processing time compared to previous methods.

### Solapur Tourism

- Summary: Developed Solapur Tourism project using HTML and CSS, highlighting key tourist, historical, and religious sites; created an engaging platform for visitors to explore the city's attractions and history, increasing tourist engagement by 40%

## Academic and Extracurricular Achievements

- Participated in state level project competition organized by Anantrao Pawar College of Engineering & Research, Pune (APCOER) and secured 3rd rank (2021)
- Represented the Department of Computer Engineering in the DIPEX State-level project competition (2020)

## Positions of Responsibility

<b>Student Association   Technical Committee Head</b>	<b>Jun'22 – Jun'23</b>
<ul style="list-style-type: none"><li>Orchestrated and led 10+ technical events and workshops, driving attendance by 40% year-over-year; as a Technical Committee Volunteer, actively contributed to departmental initiatives, resulting in a 25% increase in project completion rate.</li><li>Directed the seamless implementation of Espire event, leading a cross-functional technical team of 15 at the department level</li></ul>	
<b>Student Association   Technical Committee Member and Social Media Head</b>	
<ul style="list-style-type: none"><li>Revitalized departmental technical committee by introducing bi-weekly knowledge-sharing sessions, enhancing team collaboration and knowledge exchange, resulting in a 15% increase in project efficiency.</li></ul>	