

RADHIKA MALPANI

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PROFILE SUMMARY

Fullstack developer with ~3 years of experience in designing, building, and scaling RESTful services & web applications. Proven expertise in system optimization, and feature-rich backend modules. Strong collaborator with a growth mindset, effective communicator, and passion for building impactful products.

PROFESSIONAL EXPERIENCE

Software Engineer | Pratham Software Pvt. Ltd.

Jaipur | Feb '22 - present

VMS (Visitor Management System)

- Architected and deployed a **modular, scalable** roll-on dispatch system using .NET Core Web API and Entity Framework, supporting **thousands of concurrent user sessions**; boosting **dispatch efficiency by 40%**
- Reduced **wait time by 35%** via enabling **real-time gate pass notifications** using Integrated **Azure Services**
- Boosted **system performance and API throughput by 35%** through backend logic refinement, query optimization, indexing, and asynchronous processing—ensuring a smooth UX under heavy load
- Improved **system stability by 30%** by conducting detailed root cause analysis (RCA) of recurring production issues & implementing defensive programming along with robust API-level validations; **reduced bugs reported by 15%**
- Developed and **optimized FE modules using React.js**, leveraging **Redux** for efficient state management, **Axios** for API integration & **Material UI** for responsive design; implemented dynamic forms, modals, and real-time status indicators for gate pass workflows—**improving task completion speed and user satisfaction by 25%**

ELMS (Employee Management System)

- **Secure Login/Signup**: designed and implemented secure user login/sign-up with **authentication** and **role-based access control**, ensuring data security and personalized user experience; ensured **100% data security**
- Built **email as a communication channel** for HR announcements using **SMTP** protocol; **40% adoption achieved**
- **Built attendance regularization** with manager approval for WFH cases; **Reduced attendance requests by 90%**
- Led end to end development, enabling HR/managers to create **training modules**, monitor & track progress

Software Intern | Pratham Software Pvt. Ltd.

Jaipur | Feb '22 -Aug '22

Interview Assessment Tool

- Developed a Web Application using C#, .Net Core, HTML, CSS, React.js and MS-SQL Server
- Created features like 'Shortlist', 'Feedback history', 'Schedule Interview', 'Pre-interview screening question bank'
- Created **Calendly equivalent in-house feature** for creating interview slots, and booking time with the interviewer

EDUCATION

SKIT (Swami Keshvanand Institute of Technology), Jaipur (B. Tech, Computer Science, CGPA: 8.86)

2018 - 2022

SKILLS

- **Languages**: C#, JavaScript, HTML, CSS
- **Technologies**: .NET Core, ASP.NET, REST APIs, Entity Framework, OOP Principles, Dependency Injection, [React.js](#)
- **Platforms**: Visual Studio, VS Code
- **Database**: MySQL, MS SQL Server, NoSQL (CosmosDB)
- **Tools**: Github Copilot, Swagger, Postman, Git, Jira
- **Soft Skills**: Teamwork, Problem-Solving, Communication, Adaptability, Agile

Certifications

Microsoft Certified: Azure Fundamentals (AZ-900)