

# DILEEP PATRAPALLI

## Full Stack Developer (MERN)

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### PROFESSIONAL SUMMARY

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MERN Stack Developer skilled in building scalable, user-friendly and responsive web applications using React.js, Node.js, Express.js, and MongoDB. Additionally skilled in Linux administration and Jira administration providing a well-rounded technical foundation that streamlines development, deployment, and issue tracking. Seeking an entry-level MERN Developer role to build scalable real-world applications.

### EDUCATION

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- **B.Tech in Civil Engineering** - Mother Teresa Institute of Engineering and Technology (CGPA: 7.4, 2024)
- **Intermediate (MPC)** – Sai Sri Chaitanya Jr College, Andhra Pradesh (CGPA: 7.8, 2020)

### SKILLS

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- **Frontend:** HTML, CSS, Tailwind, JavaScript, TypeScript, React.js, Vite, Redux Toolkit, Responsive Design
- **Backend:** Node.js, Express.js, JWT, OAuth, REST APIs, CORS, Error Handling, API Optimization,
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Programming and Problem Solving:** Python (DSA), Data Structures and Algorithms
- **Performance and Scalability:** Performance Optimization, Scalability, Caching, Efficient Queries
- **Tools and Testing:** Postman, Hoppscotch, Jest, Mocha, VS Code, Prisma ORM, npm
- **DevOps and Deployment:** Git, GitHub, CI/CD, AWS (EC2, S3 basics), Cloud Deployment, Docker basics
- **Project and Issue Management:** Jira Administration, Workflow, Automation, Permissions, Agile/Scrum
- **System Administration:** Linux OS (Ubuntu), basic Shell Scripting

### EXPERIENCE

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#### Full Stack Intern (MERN) - Pantech Solutions Pvt. Ltd. ( Apr 2025 – Jul 2025 )

- Built and deployed Full-Stack web applications using MongoDB, Express.js, React.js, Node.js.
- Built reusable and responsive UI components in React.js using Context API, custom hooks, Tailwind CSS.
- Implemented secure authentication and authorization using JWT, bcrypt, refresh tokens, and role-based access control.
- Improved backend reliability by using TypeScript and writing unit tests (Jest, Mocha) for APIs and components.
- Integrated full-stack features by connecting frontend and backend seamlessly, testing APIs with Postman, and managing code using Git branching strategies.

### PROJECTS

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- **E-commerce Website:** Full-featured shopping app with authentication, cart, and payment integration.
- **Bookstore Website:** Role-based access, user authentication, and book rental system.
- **Airbnb Clone:** Property rental app with authentication, listings, search, and booking features.
- **Weather App:** Real-time weather updates using Open Weather API

### CERTIFICATIONS

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- **Full Stack Web Development (MERN)** - Pantech Solutions Pvt. Ltd. ( Apr 2025 – Jul 2025 )