

PRARABDH SONI

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Detail-oriented and self-motivated Full Stack Developer with a strong emphasis on backend development, RESTful API integration, and cloud computing using AWS. Skilled in building scalable server-side applications with Node.js and Express.js, and connecting them to dynamic frontends using modern JavaScript frameworks. Hands-on experience with databases including MongoDB, Redis, and basic SQL/PostgreSQL. Familiar with blockchain integration for secure data handling. Passionate about designing reliable backend systems, ensuring efficient data flow to frontend, and deploying production-ready applications on the cloud.

PROFESSIONAL PROFICIENCIES

- Languages and Scripting: JavaScript, HTML, CSS, Motoko
 - Frontend Technologies: React.js, Vite
 - Backend and Server-Side: Node.js, Express.js, RESTful APIs
 - Databases: MongoDB, PostgreSQL (basic), Redis, SQL
 - Cloud and DevOps: AWS (IAM, EC2, S3), Git, GitHub
 - Other Tools and Concepts: Postman, JSON, Full stack development, Basic blockchain Integration
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PROJECTS

Web-Based Trash Pickup Services

- Developed a scalable web app for residential and commercial waste pickup management
- Enabled flexible scheduling and subscription options for users
- Integrated secure login/signup functionality with ID verification
- Implemented live detection techniques for high-order security
- **Tech Stack:** Python, React.js, Bootstrap

Aarogya Saarthi - AI-powered Healthcare System (Team of 5)

- Comprehensive healthcare platform with AI-driven resource management features
- Built and deployed 7 AI models for effective medical resource allocation
- Integrated blockchain for secure, tamper-proof data storage
- Implemented features such as automated salary processing and real-time patient prioritization
- **Tech Stack:** Python, React.js, MongoDB, Node.js, Express.js, Blockchain, AI/ML

Blockchain Token Project

- Developed a decentralized token system for secure and transparent transactions
- Designed and deployed a custom token using actor (Motoko)
- Enabled token transfer, balance checks, and token faucet
- **Tech Stack:** Motoko, DFINITY (Internet Computer), React

EXPERIENCE

Freelance Web Developer

June 2025 - Present

- Designed and developed a full-stack web application for an educational institution to enhance its online presence.
- Implemented key features such as admission inquiry forms, announcements, and contact management.
- Built a responsive and intuitive user interface for seamless navigation and accessibility.
- Technologies: React.js, Node.js, MongoDB

EDUCATION

B.Tech in Computer Science Engineering (Cloud Computing and Automation)

Vellore Institute of Technology, Bhopal

Expected Graduation: May 2027

High School (10+2), Science Stream

Prince eduhub, Sikar

Completed: May 2023

EXTRACURRICULAR ACTIVITIES

JHU Hackathon | VIT Bhopal & Johns Hopkins University, USA

- Developed Aarogya Saarthi, an AI-powered healthcare system, as part of the hackathon.
- Competed against 250+ teams from 190+ universities worldwide
- Achieved a high ranking, placing among the top teams despite hardware-focused projects securing the top 10 spots

CERTIFICATIONS

- The Complete Full-Stack Web Development Bootcamp - Udemy
Issued: Jun 2025 | Skills: Full-Stack Development, MERN Stack
- Introduction to Internet of Things (IoT) - NPTEL
Issued: May 2025 | Skills: IoT, Sensor Integration, Smart Systems
- Programming Foundations: Databases - LinkedIn Learning
Issued: Sep 2024 | Skills: SQL, Data Modeling
- Programming Foundations: Fundamentals - LinkedIn Learning
Issued: Jul 2024 | Skills: Programming Concepts
- CSS Essential Training - LinkedIn Learning
Issued: Aug 2024 | Skills: CSS, Styling Web Applications
- HTML Essential Training - LinkedIn Learning
Issued: Mar 2024 | Skills: HTML, Frontend Development
- Figma for UX Design - LinkedIn Learning
Issued: Feb 2024 | Skills: UI/UX, Prototyping, Design Thinking

- Introduction to Career Skills in Software Development - LinkedIn Learning
Issued: Jul 2024 | Skills: Career Growth, Software Mindset
- Python Essentials - Vityarthi
Issued: Dec 2023 | Skills: Python Programming
- Developing Your Emotional Intelligence - LinkedIn Learning
Issued: Jan 2024 | Skills: Self-awareness, Team Management
- Becoming a Great Conversationalist - LinkedIn Learning
Issued: Dec 2023 | Skills: Communication, Interpersonal Skill

