

Vinod Akshat

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Education

National Institute of Technology Srinagar | August 2023 - May 2027 (Expected)

- B.Tech in Computer Science
- Relevant courses: Advanced Java Programming, Node.js Development, Software Engineering, Database Management (Oracle), Data Structures and Algorithms

Languages and Technologies

- **Languages:** Java (Proficient), JavaScript (ES6+), C, C++, HTML5, CSS3
- **Technologies:** Node.js, Express.js, React.js, RESTful APIs, MongoDB, PostgreSQL, MySQL
- **Tools:** Git, GitHub, Vercel, Render
- **Concepts:** Data Structures, Algorithms, Agile Methodologies, OAuth 2.0

Technical Experience

Projects

- **Custom HTTP Server (Java)** | GitHub | HTTP 1.1
 - Engineered high-performance HTTP server handling GET, POST, PUT, DELETE requests
 - Optimised request handling, reducing response time by 40%
 - Implemented robust error handling and logging for improved debugging
- **Spotify to YouTube Playlist Migration Tool** | GitHub | Youtube API | Spotify API
 - Developed web app for transferring Spotify playlists to YouTube using React.js and Node.js
 - Implemented RESTful APIs for platform integration and OAuth 2.0 for authentication
- **QR Code Scanner** | Deployment
 - Created web app for scanning QR codes and verifying event registrations
 - Tech stack: Node.js, Express, MySQL, QuaggaJS, jsQR, HTML5, CSS
- **Paytm Wallet** | [GitHub](#)
 - Created web app with authentication which imitates the behaviour of a Paytm wallet
 - Tech stack: Node.js, Express, Mongodb, Jwt token Authentication, Bcrypt, React.js, Tailwind css

Leadership Experience

Web Developer, Techvaganza NIT Srinagar | May 2024 - Present

- Led development of user registration system, increasing sign-up completion by 40%
- Managed servers for 1000+ users, resolving deployment issues with virtual environments
- Mentored junior team members and collaborated with cross-functional teams

Certifications

Data Structures and Algorithms - Java | Apna College | April 2024

- Credential ID: 663ce1d42169a33816098906

Additional Skills

- Problem Solving, Analytical Thinking, Technical Writing, Team Collaboration
- Quick Learner and Adaptable

Languages

English (Fluent), Hindi (Native), Dogri (Native)

Interests

Full-Stack Development, Open Source Contribution, Emerging Technologies (AI, ML), Competitive Programming