

# V. ARIKRISHNAN

## Software Engineer

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### SUMMARY

Backend Developer with 1 year of experience specializing in Node.js, Python, and MongoDB. Skilled in RESTful API development, authentication, database optimization, and system scalability. Passionate about designing high-performance backend architectures and improving application security.

### TECHNICAL SKILLS

- Backend Development: Node.js, Express.js, Python (Flask, FastAPI)
- Frontend: React.js (Basic), HTML, CSS, Bootstrap, Javascript
- Databases: MongoDB, MySQL, PostgreSQL, Redis
- Authentication & Security: JWT, OAuth2, Encryption
- Performance Optimization: Caching (Redis), Query Optimization, WebSockets
- DevOps & Tools: Docker, Git, AWS (EC2, S3, Lambda), Postman, CI/CD

### WORK EXPERIENCE

#### Junior Backend Developer – MAKVISHAN Technology

Jan 2024 – Present

- Developed scalable RESTful APIs using Node.js, Express.js, and Python.
- Optimized MongoDB & MySQL queries, reducing API response time by 30%.
- Implemented JWT & OAuth2 authentication for secure user access.
- Integrated third-party APIs for payment processing and notifications.
- Developed real-time features using WebSockets and Redis caching.
- Followed Agile methodologies, Git version control, and CI/CD pipelines.

### PROJECTS

#### EasyPlay (Real-Time Gaming Platform)

- Built a real-time multiplayer gaming API using Node.js, WebSockets, and MongoDB.
- Optimized database queries & caching, handling 50,000+ concurrent users.

#### FutX (Stock Market Prediction API)

- Developed a high-performance market data API using Node.js & Python.
- Implemented rate-limiting & caching, reducing API latency by 40%.

#### EventDiary (Event Management System)

- Created a scalable backend for event scheduling and automated reminders.
- Integrated push notifications & RSVP tracking for seamless event management.

### SOFT SKILLS

- ✓ Problem-Solving & Debugging
- ✓ API Design & Optimization
- ✓ Scalability & Performance Tuning
- ✓ Teamwork & Agile Development

### EDUCATION

#### Bachelor of Science in Botany

Aug 2019- june2022

Thiruvalluvar University,

- Govt. Arts College, Thiruvannamalai