

ARUN DANIEL KENNEDY

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Available from Jan 2026 onwards

EDUCATION

Northeastern University, Boston, MA

Jan 2025 - Present

Khoury College of Computer Sciences

Expected Graduation 2027

Master of Science in Computer and Informational Science

GPA: 4.0 / 4.0

Related courses: Programming Design Paradigm, Algorithms, Databases

Sri Venkateshwara College of Engineering, Chennai, India

May 2020

Bachelor of Engineering in Computer Science and Engineering

GPA: 8.47 / 10

Related courses: Object Oriented Programming, Data Structures, Advanced Software Engineering

TECHNICAL KNOWLEDGE

Languages: JavaScript, Python, Java, C, C++

Databases: MySQL, PostgreSQL, MongoDB

Web Technologies HTML, CSS, PHP/CodeIgnitor, ReactJS, NextJS

Backend Tech Flask, Node/Express, Django

Soft Skills CI/CD, Server Management, AWS (S3/EC2/Route53), Team Management, UI/UX Analysis

WORK EXPERIENCE

AVRL, Remote

2022 - 2024

Forward Deployment Engineer

Industry 4.0 automation solutions provider for top 3PL companies.

- Non-Standard Use Cases Team: Developed complex customer requirements into polished automations using JavaScript, applying design patterns, comprehensive unit tests, and coding standards to ensure modular, reusable components.
- Hyper-x and Hyper-y Teams: Built and maintained Python-based API endpoints for real-time EDI tender rating, reducing unnecessary API calls to achieve sub-second responses at scale (thousands of requests per minute).

Gained Enhanced problem-solving, standardized coding, and cross-cultural communication skills through collaboration with global teams.

Eternosoft, Chennai, India

2020 - 2022

Full Stack Web Developer

- Refactored PHP CodeIgniter backend and documented RESTful APIs (MVC) to streamline daily administrative workflows and improve cross-team handoffs.
- Developed a responsive admin portal (HTML5, CSS3, vanilla JS) with role-based dashboards, client-side validation, and real-time data tables to enhance user management.
- Built and optimized React interfaces (Campus Rewind & Passion AI) consuming Django APIs—adding live search, pagination, error-handling modals; profiled ORM queries, introduced Redis caching and request batching to cut page loads by 40% and database load by 30%; implemented a component library with code-splitting, lazy loading, and PropTypes to boost Lighthouse scores from the mid-60s to 90+.
- Led a two-person front-end team—mentored developers, enforced ESLint/Prettier, oversaw code reviews—and designed Django REST APIs, PostgreSQL schemas, serializers, and JWT authentication for secure booking services.
- Managed DevOps across projects: Docker Compose, AWS (EC2/RDS/S3/Route53), Apache/Nginx, and GitHub Actions pipelines for automated linting, testing, and blue-green deployments—reducing release time from hours to under 10 minutes.

PROJECTS

Risen, A novel reader website

- Designed and developed a website to post novel chapters and showcase fanart, with admin panel to add new fanart and chapters using GatbyJS

NAAC & IQAC, College assessment display website

- Designed and co-developed a website for my undergrad college to showcase the NAAC and IQAC assessment grade information.

INTERESTS/ACTIVITIES

- Won second place at a 48 hours hackathon.
- Active volunteer at multiple christian organizations.