

Prakash Nandagopal

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Profile

Experienced Software Engineer with a strong background in full-stack development, specializing in Node.js, React, AWS, and scalable system architecture. Skilled in optimizing systems across the SDLC, debugging complex issues, and improving efficiency. Adept at mentoring junior engineers and fostering technical growth within teams. Passionate about building high-impact, performance-driven applications. Skilled in designing, optimizing, and adapting solutions across various technology stacks, with a focus on high-impact, performance-driven applications

Skills

Backend technologies

Node.js, Python, RESTful APIs, Microservices, System Design, SQL, MongoDB

Cloud & DevOps

AWS (including CloudFront, Edge Computing), Git, Terraform, GitHub Actions, Docker, CI/CD Pipelines

Frontend technologies

JavaScript, React, TypeScript, HTML5, CSS

Other

Debugging, Code Reviews, Mentoring

Work Experience

Software Engineer 2, Condé Nast ✍

11/2020 – 09/2024

Promoted to SE 2 from October 2022

Bengaluru, India

Spectra (Image Optimization Service)

- Key contributor to Spectra, providing architectural inputs and development expertise, leading to **80% annual cost savings**.
- Designed and implemented optimizations that put Spectra on track to **serve over a billion images per month**.
- Led end-to-end feature development, including **requirement analysis, development, testing, and deployment**.

Encore (Syndication Tool)

- Designed and developed critical components of the syndication tool, enabling **20+ global brands** to streamline content reuse across markets.
- Architected scalable solutions to enhance **content distribution efficiency**.
- Worked closely with stakeholders to **gather requirements and refine workflows**.
- Collaborated with product managers, designers, and engineers to **align technical solutions with business needs**.
- Mentored junior developers, conducted code reviews, and improved engineering best practices.

Software Engineer, Valtech ✍

02/2019 – 11/2020

- Developed key modules for the **Zee5 PWA**, enhancing performance for **70M+ monthly users**.
- Built **SSR modules, authentication flows, and reusable UI components**, improving site efficiency and maintainability.
- **Optimized application performance** using **WebPageTest and Lighthouse**, reducing load times and improving Core Web Vitals.
- Participated in **code reviews, requirement analysis, and mentoring junior engineers**.

Bengaluru, India

Other Experience, Trainee Engineer at Servion and Software Developer at Cronj

07/2017 – 01/2019

- Assisted in **troubleshooting and debugging production issues**, improving system reliability.
- Worked with **JavaScript, Node.js** gaining hands-on experience in **full-stack development**.

Bengaluru, India

Education

MSc - Advanced Computer Science, *University of Liverpool*

2024 – present

- Focused on **cloud computing, machine learning, computational intelligence, and cybersecurity**.
- Key modules: **Cloud Computing for E-Commerce, Privacy & Security, Machine Learning, Efficient Algorithms, Computational Intelligence**.

BE - Computer Science Engineering, *Visvesvaraya Technological University*

2013 – 2017


Intermediate (PCM), *DPUE, Karnataka*

2011 – 2013

Achievements

 **Winner – Conde Nast Hackathon 2024 (EEAT Analysis)**

- Developed a solution for **EEAT (Expertise, Experience, Authoritativeness, Trustworthiness) analysis**, enhancing content evaluation.
- Led **prototyping and initial implementation architecture**, ensuring scalability and integration with existing workflows.
- Recognized by leadership for its **business impact and innovation**.

 **Conde Nast Hackathon 2022 (Published Syndications Feature)**

- Identified an opportunity to improve **content syndication across markets**.
- Proposed and outlined the **Published Syndications** concept, which was later **implemented and adopted**.
- Well received by leadership and users for its **strategic value in streamlining content reuse**.