

Sanchit Batra

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Seattle, WA

Work Experience

Senior Software Engineer, Productiv, Inc. Apr 2025 - Present

- Tech: Node.js | TypeScript | SQL (Postgres, Athena) | dbt | React
AWS (Lambda, SQS, DynamoDB, S3, CloudWatch, IAM, Secrets Manager, Step Functions)
- Built and commercialized reports (**15% ARR boost**) analyzing application usage, spend and contracts over **1B+** data points; led a weekly customer sync to explain trends and drive adoption
- Re-architected report orchestration, eliminating **operational overhead** of 2 full-time engineers
- Developed client-side application search with hotkey support (**~90% customer adoption**)
- Built React components for contracts, custom fields, and user lists for the AI visibility SKU (**5% ARR boost**)
- Designed and implemented a robust audit log aggregator with pagination support
- Pioneered data export and import APIs (**~40% customer adoption, ~10K weekly API calls**)
- Engineered a Productiv <> Dropbox contract integration (**~25% customer adoption, ~100K files synced**)

Software Engineer III, Productiv, Inc. May 2023 - Apr 2025

Software Engineer, Productiv, Inc. Jun 2020 - May 2023

- Scaled user search to enable large enterprise deployments using Elasticsearch (**100x capacity increase**)
- Integrated with Okta's APIs to implement an SSO access management workflow, expanding workflow-supported apps in Productiv from 11 to **7000+**
- Introduced a new resource-based permissions model to increase users eligible for Productiv access by **23x**
- Launched manager level usage aggregation (**~70% customer adoption**)
- Increased automated E2E test coverage using **Selenium** and **Cypress** enabling semi-weekly releases
- Mentored 2 interns in projects such as adding support for multiple API client credentials, developer tooling using slackbots and employee surveys

Teaching Assistant + Research Aide, University at Buffalo Dec 2019 - May 2020

- Served as a teaching assistant for multiple courses including an internet seminar, Data Structures, Algorithms and a senior-level course on the societal impact of algorithms
- Led the design and implementation of an ethical routing project for ~280 students, funded by **Mozilla**
- Developed the template and automated grading code for homework problems (Python, C++ and Java)

Education

B.S. Computer Science, University at Buffalo Aug 2016 - May 2020

GPA: 4.0/4.0

Awards

- 9x Hackathon Winner (Stanford, Princeton, SUNY Buffalo, UMichigan, Cornell, RIT)
- Best Poster Award (SUNY Buffalo)
- Top Student Contributor for 12 courses (Piazza)
- Grace W. Capen Award (SUNY Buffalo)
- Faculty Choice Award (SUNY Buffalo)
- Student in Technology Nominee (SUNY Buffalo)
- Inspirational Hacker Nominee (MLH)
- SUNY Chancellor's Award for Student Excellence Nominee (SUNY Buffalo)