

Amit Langote

Tokyo, Japan

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Software engineer with extensive experience contributing to PostgreSQL open source project

Skills

- OSes worked on: Linux
- Programming languages: C, shell scripting, Python (familiar)
- Tools/services: bash, vim, git, gdb, perf, github
- Other skills: open source development, technical writing, speaking about technical topics in study groups, conferences

Jobs

- **Microsoft**
Principal Software Engineer Feb 2024 - present (Tokyo, Japan)
Main role is to write/review code to add features / fix bugs in open source PostgreSQL
- **EDB (formerly EnterpriseDB)**
Principal Engineer, Database Server, Oct 2021 - Jan 2024 (Tokyo, Japan)
Senior PostgreSQL Architect, Mar 2020 - Sep 2021 (Tokyo, Japan)
Main role is to write/review code to add features / fix bugs in open source PostgreSQL and do L2 support for database server products.
- **NTT DATA**
Lead Engineer, Jul 2018 - Mar 2020 (NTT OSS Center, Tokyo, Japan)
Senior Software Engineer, Apr 2015 - Jun 2018 (NTT OSS Center, Tokyo, Japan)
Software Engineer, Sept 2013 - Apr 2015 (NTT OSS Center, Tokyo, Japan)
Software Engineer, Jul 2012 - Sept 2013 (OSS R&D Center, Pune, India)
Learned to work with databases in general and PostgreSQL in particular in my various roles here. I was very fortunate to join early on the team at NTT OSS Center focused on adding features to the open source release of PostgreSQL to help make it handle large datasets better, of which Declarative Table Partitioning is the one I contributed the most to. I wrote code for the initial DDL support and also to extensively re-architect the relevant planner and executor code for improving the performance and scalability of various operations on tables using partitioning.

Education

- **University of Pune (MIT College of Engineering), Pune, India**
Graduated with a bachelor degree in Computer Engineering, Jun 2012