Software Developer at FSoft

Some info about FSoft
- FPT Software, the leading software outsourcing company in Vietnam
- ~ 5,000 – 6,000 employees
- FPT Software is a part of the FPT Corporation
- “Offshore Software Development Center” for its customers in US, UK, Japan, Malaysia, Singapore, Thailand, Australia
Application process in Vietnam

General process

- **Round 1**: Online/paper applications (Resume, CVs, etc.)
- **Round 2**: Tests - IQ Test, GRE (Mathematics), English, Skill Test (C/C++, .NET, Java, etc.)
- Possible a third round of interviews
How to prepare

- Rule #1: Do your homework! (a.k.a. research as much as possible about the companies)
- Tip 1: Customize your cover letter/resume
- Tip 2: Ask current employees
Work – what “I” did

- There is no “I”
- What we did
  - 2-month project
  - Develop a database cache system accepting clients’ calls and calling Amazon Marketplace Web Service (AWS)
A simplified diagram
Some Challenges

- Different product data format
- Database optimization
- Load balancing/ Request limit (Amazon side) (millions of request per day)
  - Client request – cache or call / how long to wait
- Concurrency control
- Authentication/security vs. Speed optimization
- Etc.
Impact on Career

- Working as a developer/tester/business analyst/etc.
  - Environment
    - Dynamic
    - Fun/enjoyable
  - Deadline/pressure
  - Culture – chain of command/interaction with more people
  - Communication/teamwork
  - Access to the newest technologies
  - Traveling
Impact (continued)

- Provides topics for possible researches
  - Real world/open-ended problems
  - Software solutions are often not perfect – compromise with the customers
    → System enhancement/optimization

- Drawback
  - Miscommunication
  - Lower salary/wage
Thank you!